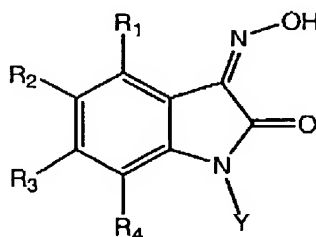


The Claim Amendments

Please amend the claims as follows:

1. (Currently amended) A compound of the formula:



or a pharmaceutically acceptable salt thereof; wherein

Y is selected from $-(CH_2)-Q_1$; $-(CO)-Q_1$; $-(CO)NH-Q_1$; $-(CO)-O-Q_1$; $-(SO_2)-Q_1$ or $-(SO_2)NH-Q_1$;

Q_1 is a C_1-C_6 straight chain or branched alkyl or alkenyl group; a 5-7 membered aromatic or non-aromatic carbocyclic or heterocyclic ring; or a 9-14 membered bicyclic or tricyclic aromatic or non-aromatic carbocyclic or heterocyclic ring system, wherein said alkyl, alkenyl, ring or ring system is optionally substituted with one to four substituents, each of which is independently selected from NH_2 , $NH-R$, $N(R)_2$, NO_2 , OH , OR , CF_3 , halo, CN , CO_2H , $C(O)-NH_2$, $C(O)-NH-R$, $C(O)-N(R)_2$, $C(O)-R$, SR , $S(O)-R$, $S(O)_2-R$, $S(O)_2-NH-R$ or $-R$;

R^1 is $-NHR^5$, $-OR^5$, $-SR^5$, or $-R^5$;

R^2 , R^3 , and R^4 are independently selected from $-(CO)NH_2$, $-(CO)NHR$, $-(CO)N(R)_2$, $-NHR^5$, $-NHCH_2R^5$, $-OR^5$, $-SR^5$, $-R^5$, $-NH(CO)-R^6$, $-NH(CO)-NHR^6$, $-NH(CO)-NH(CO)R^6$, $-NH(CO)-OR^6$, $-NH(SO_2)-R^6$, $-NH(SO_2)-NHR^6$, $-C(O)OH$, $-C(O)OR$, $-(CO)-Q_1$, $-(CO)NH-Q_1$, $-(CO)NR-Q_1$, $-(CO)-O-Q_1$, $-(SO_2)-Q_1$ or $-(SO_2)NH-Q_1$;

R^5 and R^6 are each independently selected from H ; $N(R)_2$, $NHOH$, NO_2 , $C(O)OR$ or halo; a C_1-C_6 straight chain or branched alkyl, alkenyl or alkynyl group; a 5-7 membered aromatic or non-aromatic carbocyclic or heterocyclic ring; or a 9-14

membered bicyclic or tricyclic aromatic or non-aromatic carbocyclic or heterocyclic ring; wherein said alkyl, alkenyl, ring or ring system is optionally substituted with one to four substituents, each of which is independently selected from NH_2 , NHR , NHC(O)OR , N(R)_2 , NO_2 , OH , OR , CF_3 , halo, CN , Si(R)_3 , CO_2H , COOR , CONH_2 , CONHR , CON(R)_2 , COR , SR , S(O)R , $\text{S(O)}_2\text{R}$, $\text{S(O)}_2\text{NHR}$ or R ;

R is a $\text{C}_1\text{-C}_6$ straight chain or branched alkyl or alkenyl group, a 5-7 membered aromatic or non-aromatic carbocyclic or heterocyclic ring, or a 9-10 membered bicyclic aromatic or non-aromatic carbocyclic or heterocyclic ring system.

~~provided that:~~

~~when R_1 , R_2 , R_3 , and R_4 are H , then Y is not 2,2-diethoxyethyl, 2-chloro-ethyl, 4-chloro-butyl, ethyl, 2-hydroxyethyl, methyl, isopropyl, or unsubstituted benzyl; when R_1 , R_3 , and R_4 are H , and R_2 is Br , then Y is not unsubstituted benzyl, ethyl, or methyl; when R_1 and R_3 are CH_3 , and R_2 and R_4 are H , then Y is not ethyl; when R_1 and R_3 are H , and R_2 and R_4 are Cl , then Y is not ethyl; and when R_1 , R_2 and R_4 are H , and R_3 is CH_3 , then Y is not ethyl.~~

2-15. Canceled.

16. (Previously presented) The compound of claim 1, wherein Y is $-(\text{CH}_2)\text{-Q}_1$ and Q_1 is optionally substituted benzodioxanyl.

17. (Previously presented) The compound of claim 1, wherein R^1 is R^5 .

18. (Previously presented) The compound of claim 1, wherein R^1 is H , methyl, halo, optionally substituted phenyl, a monocyclic or bicyclic heterocycle, optionally substituted alkyl, alkenyl or alkynyl, or COOR .

19. (Previously presented) The compound of claim 1, wherein R^2 is R^5 , $\text{NH}(\text{CO})-R^6$, $\text{NH}(\text{SO}_2)-R^6$, $-\text{NHCH}_2R^5$, $\text{CO}-Q_1$ or $\text{CONH}-Q_1$.

20. (Previously presented) The compound of claim 1, wherein R^2 is H, halo, NO_2 , NH_2 , methyl, OCF_3 , $-\text{N}(\text{R})_2$, or substituted phenyl.

21. (Previously presented) The compound of claim 1, wherein R^3 is R^5 , $\text{NH}(\text{CO})-R^5$, $\text{NH}(\text{SO}_2)-R^6$, or $\text{CONH}-Q_1$.

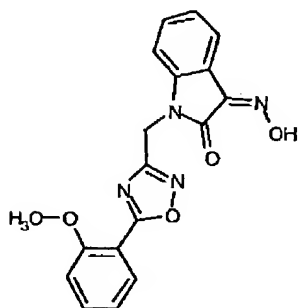
22. (Previously presented) The compound of claim 1, wherein R^3 is H, halo, methyl, CF_3 , optionally substituted phenyl, a heterocyclic ring, a bicyclic ring, NO_2 or NH_2 .

23. (Previously presented) The compound of claim 1, wherein R^4 is R^5 .

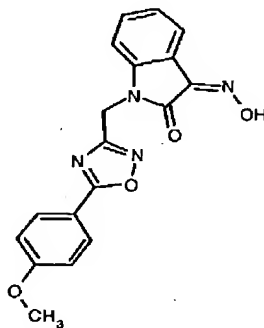
24. (Previously presented) The compound of claim 1, wherein R^4 is H or methyl.

25-27. Canceled.

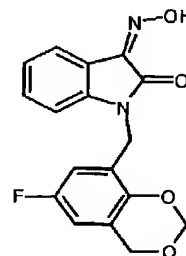
28. (New) The compound according to claim 1, wherein said compound is selected from the group depicted below:



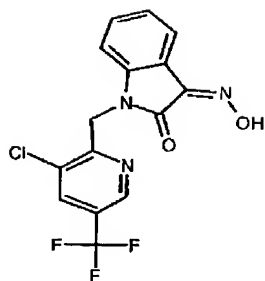
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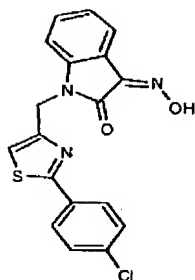
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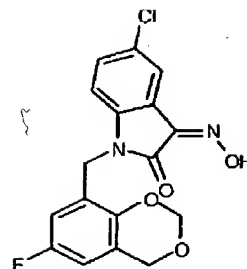
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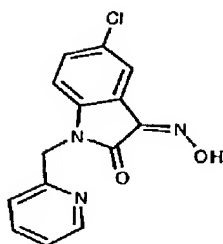
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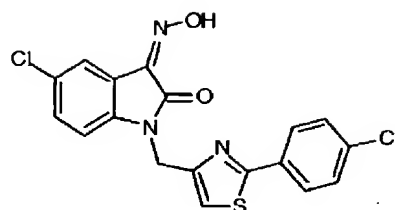
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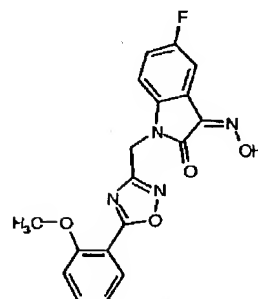
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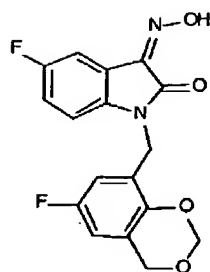
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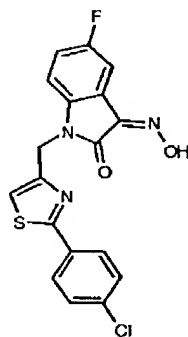
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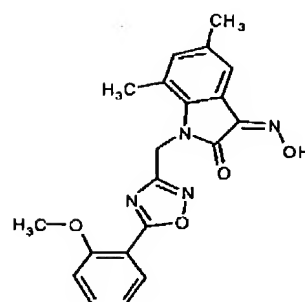
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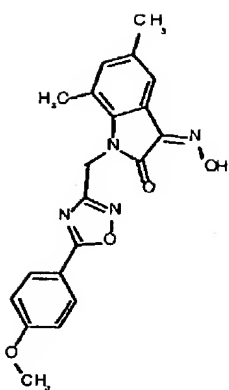
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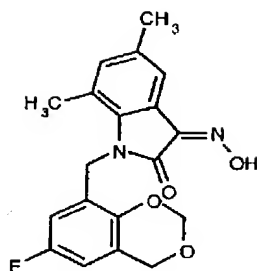
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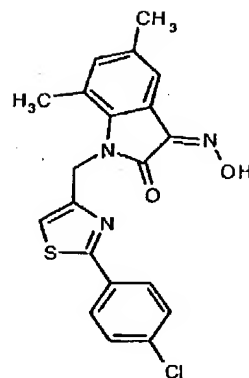
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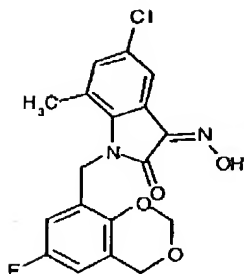
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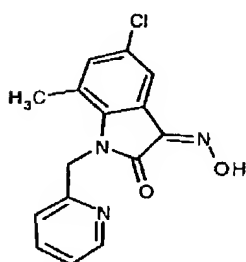
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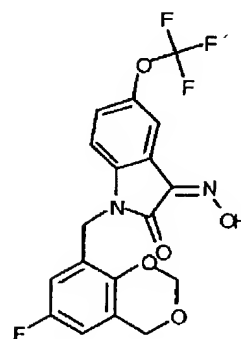
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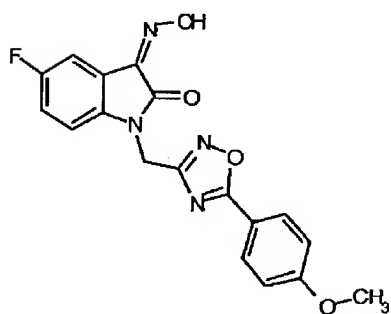
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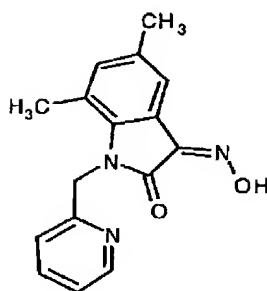
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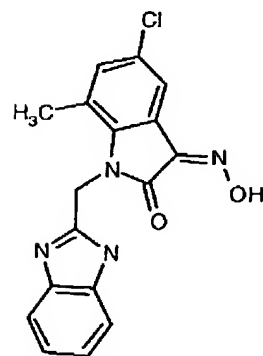
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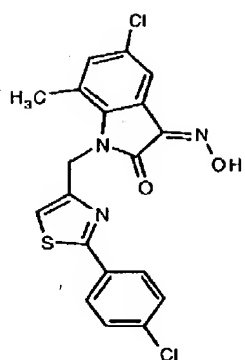
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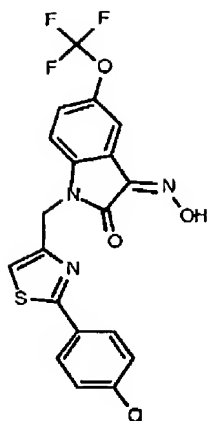
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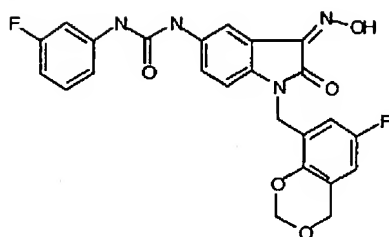
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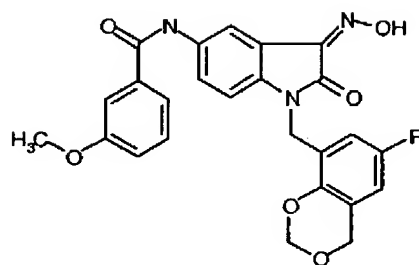
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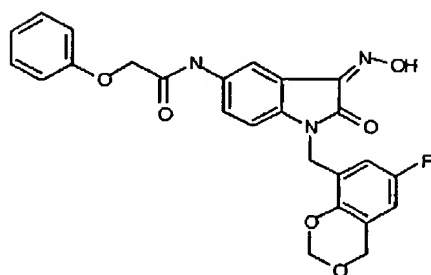
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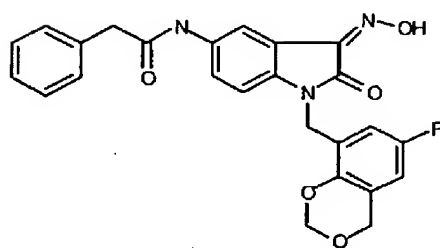
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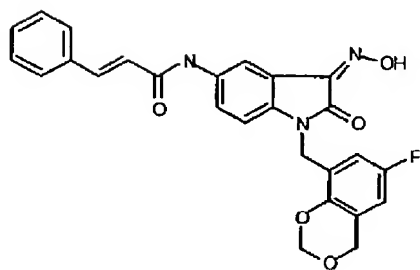
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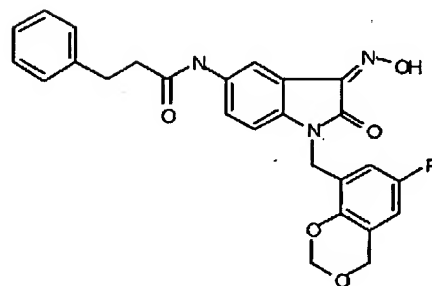
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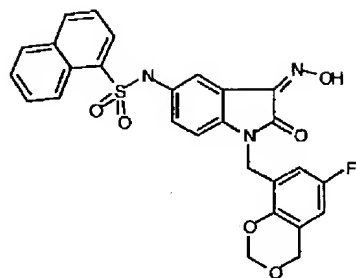
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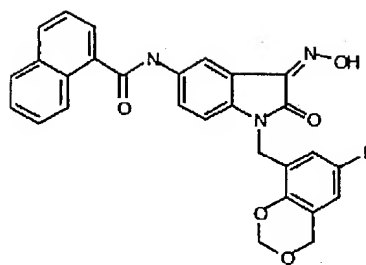
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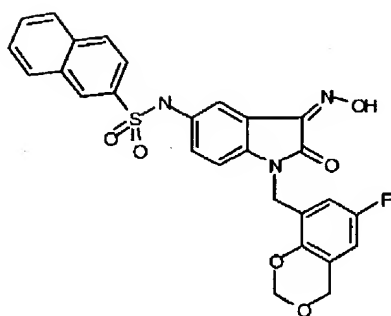
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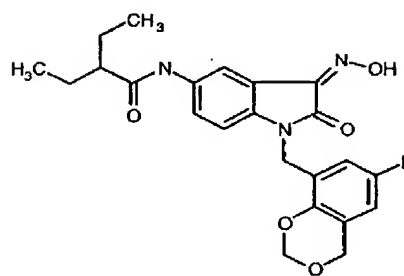
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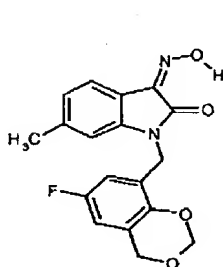
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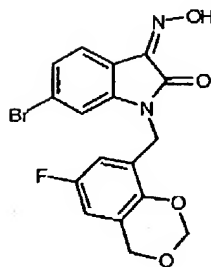
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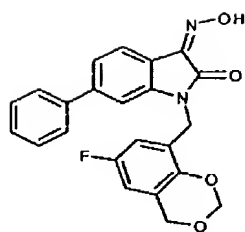
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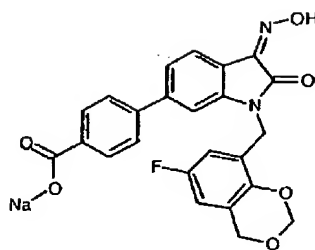
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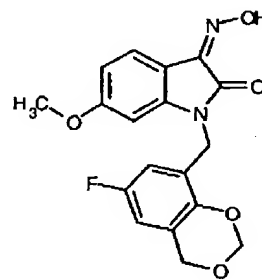
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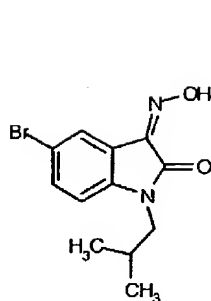
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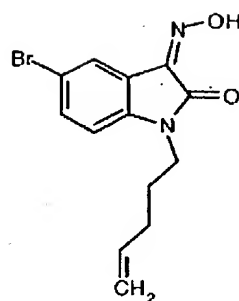
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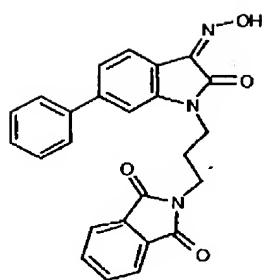
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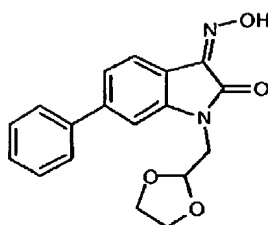
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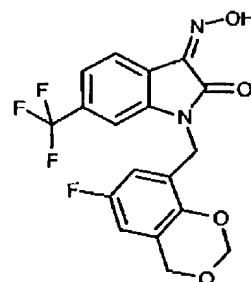
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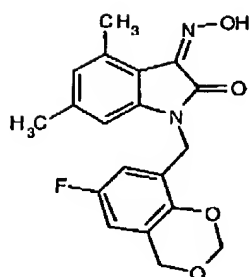
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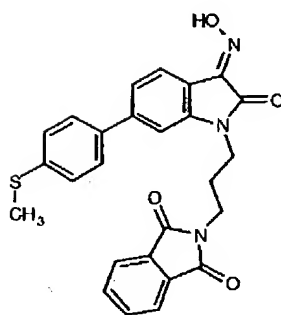
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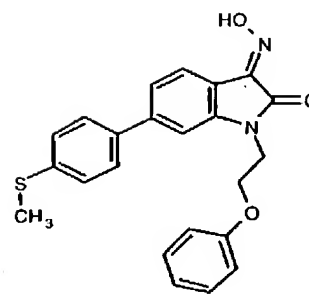
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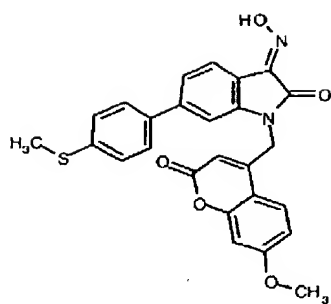
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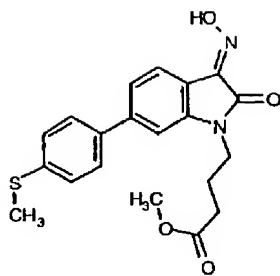
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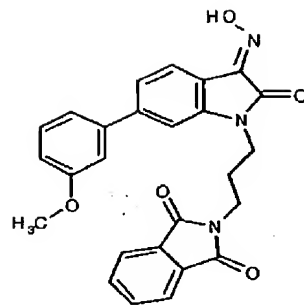
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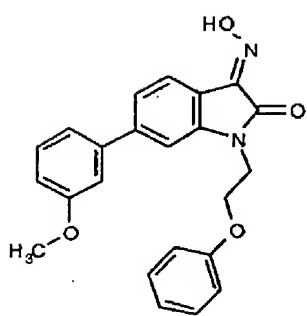
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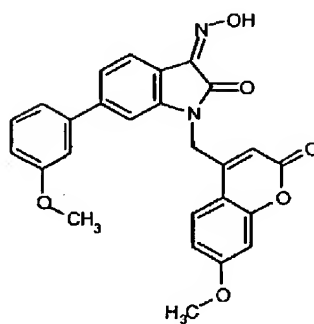
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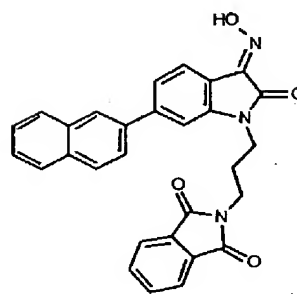
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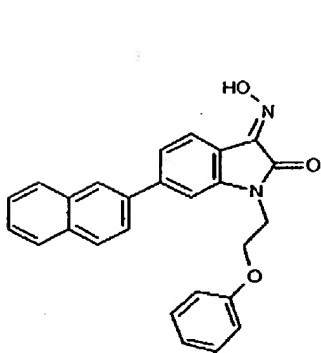
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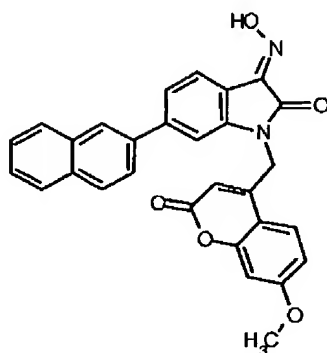
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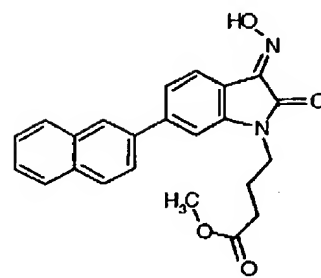
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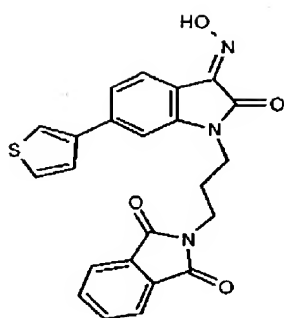
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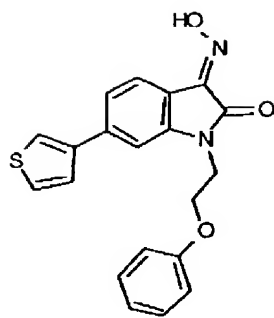
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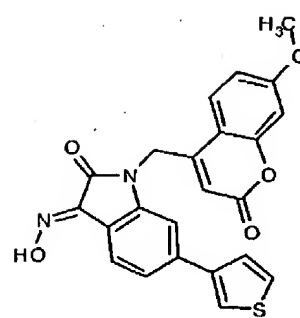
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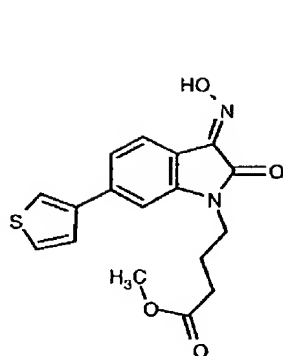
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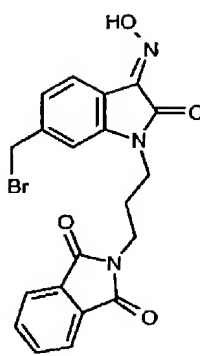
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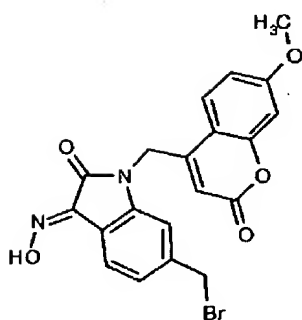
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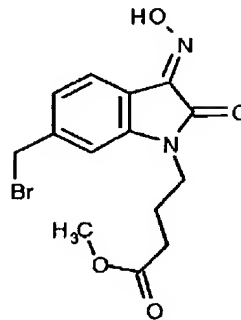
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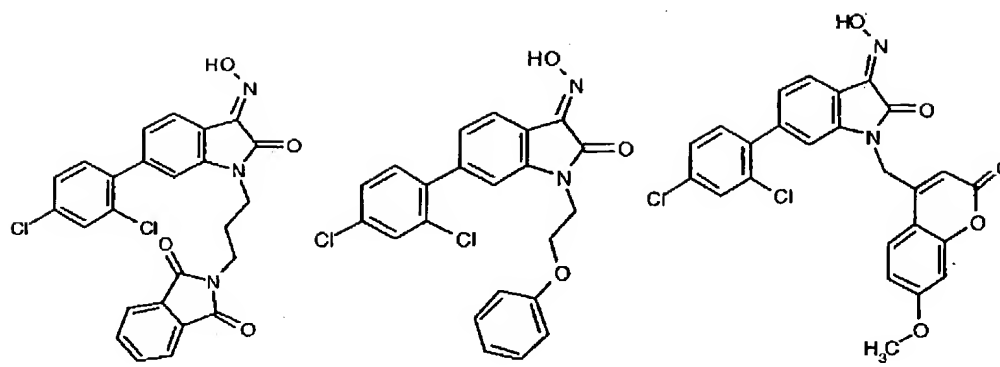
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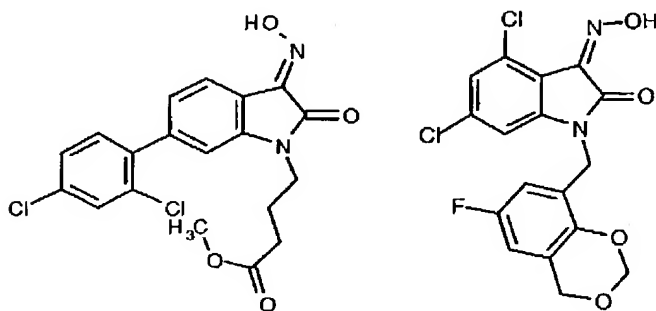
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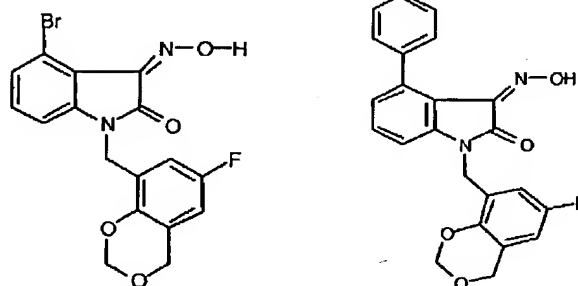
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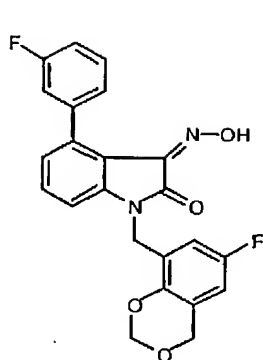
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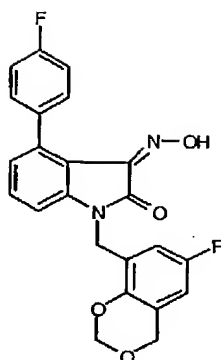


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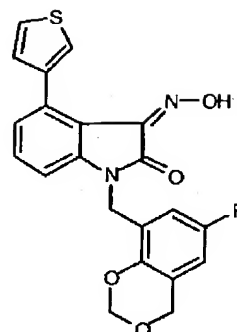
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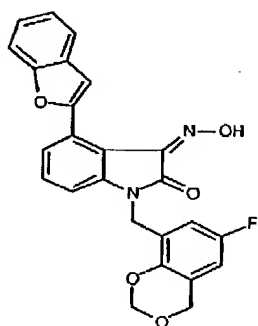
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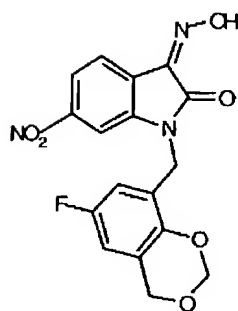
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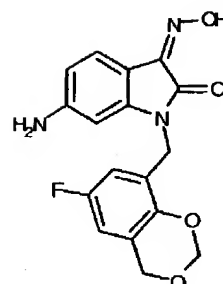
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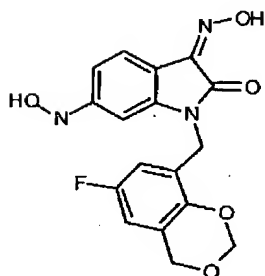
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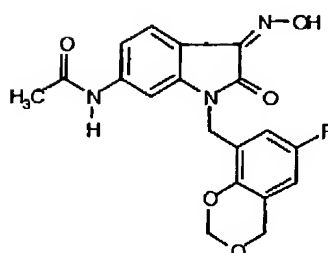
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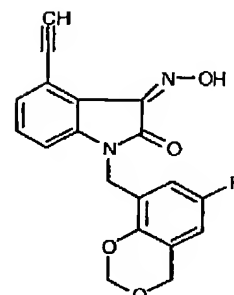
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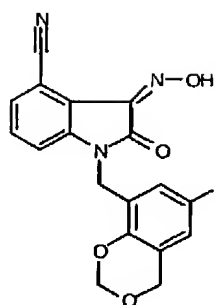
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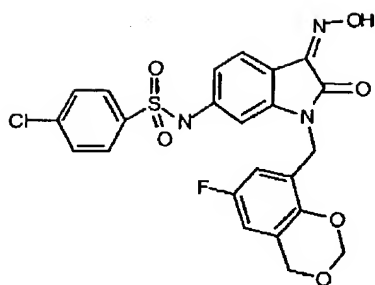
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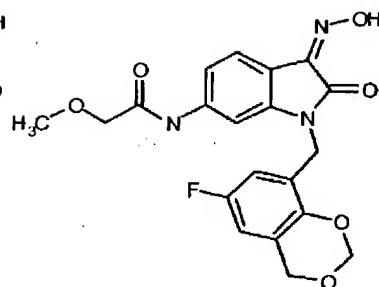
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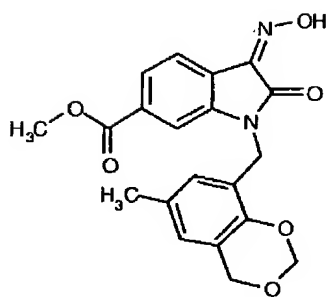
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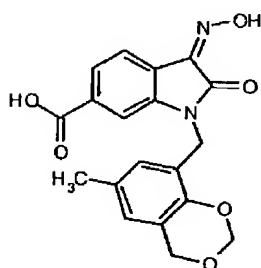
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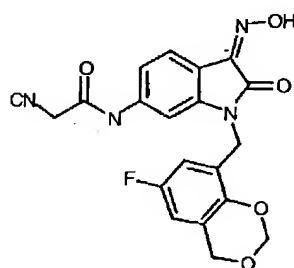
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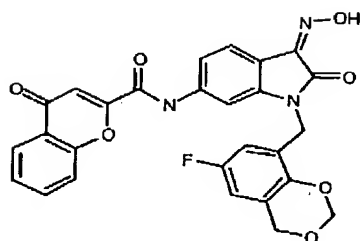
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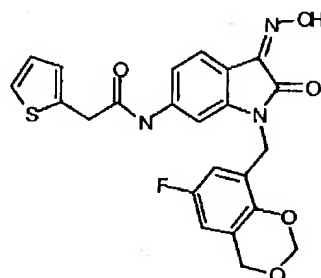
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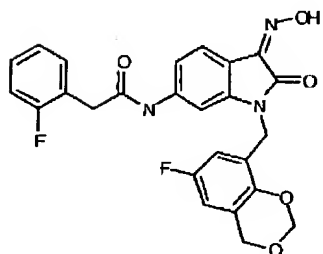
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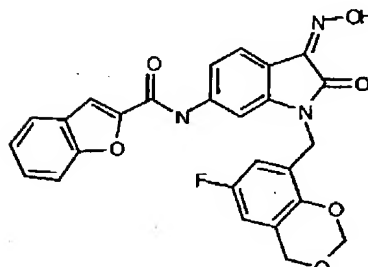
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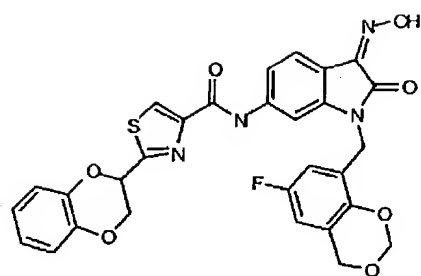
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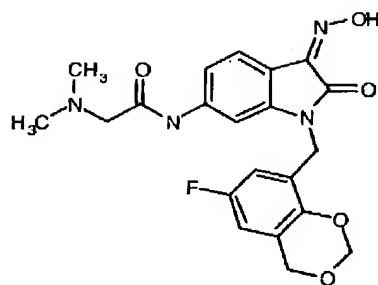
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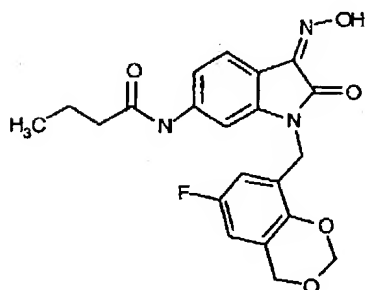
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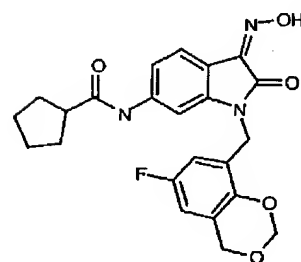
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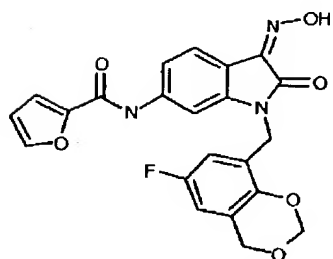
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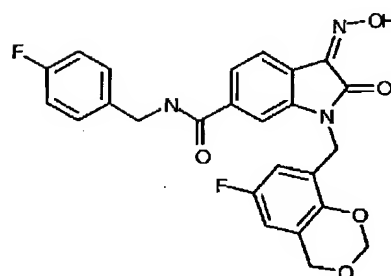
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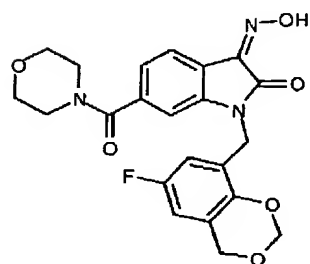
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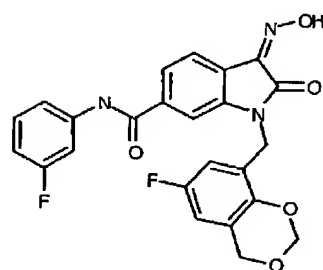
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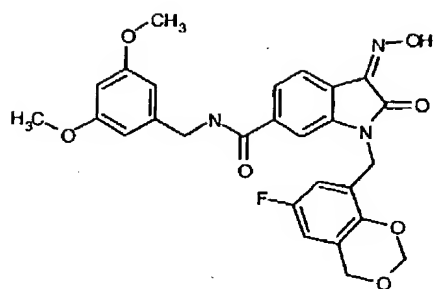
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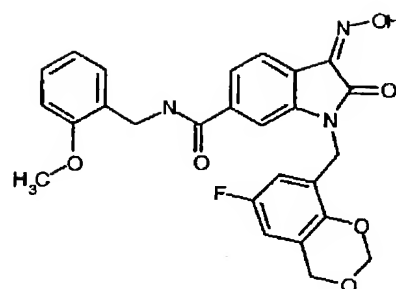
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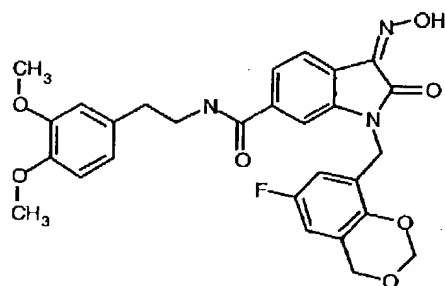
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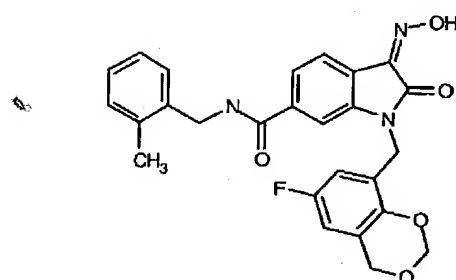
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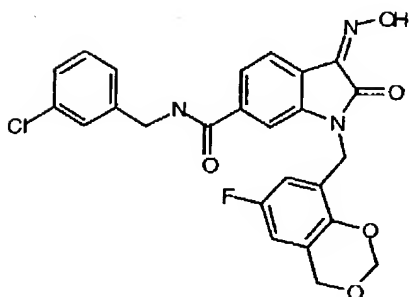
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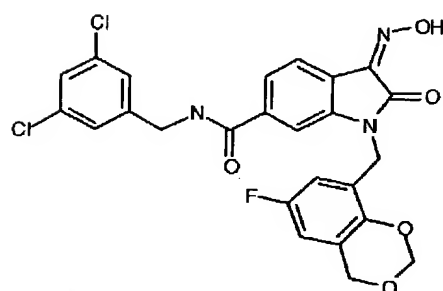
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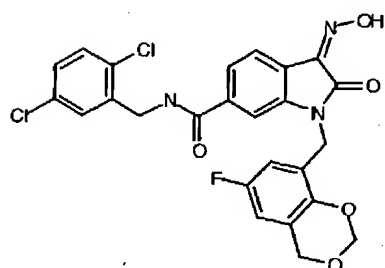
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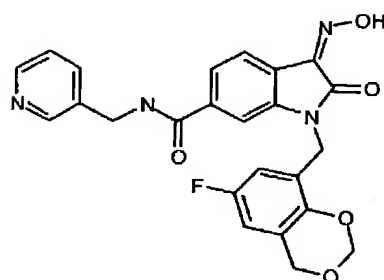
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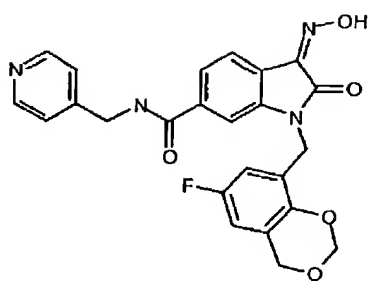
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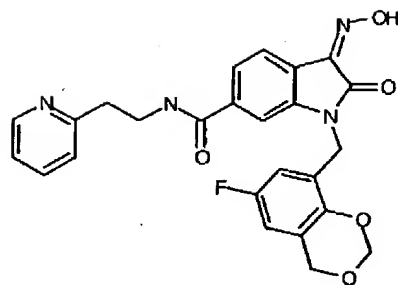
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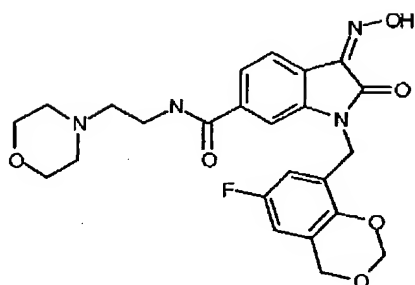
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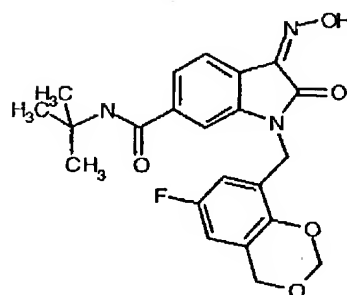
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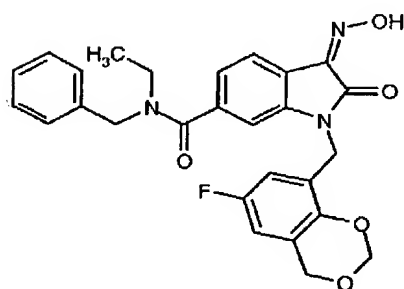
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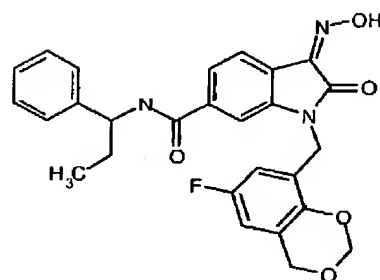
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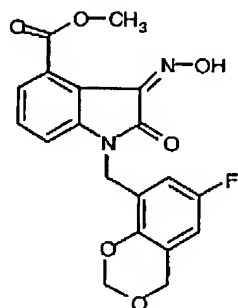
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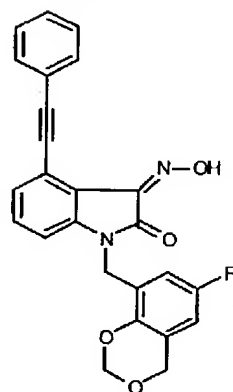
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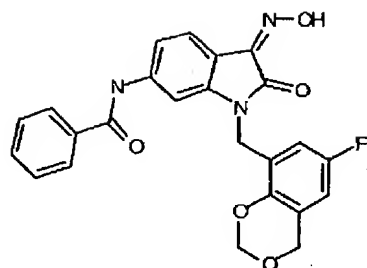
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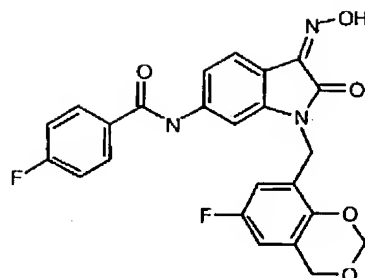
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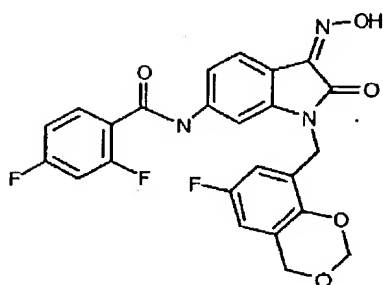
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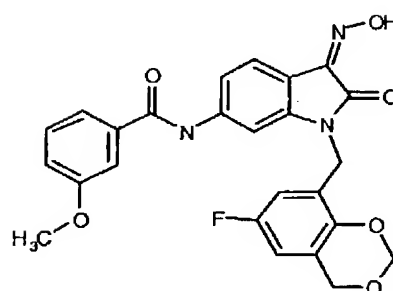
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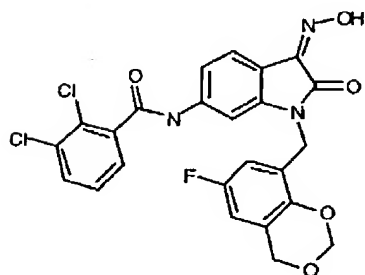
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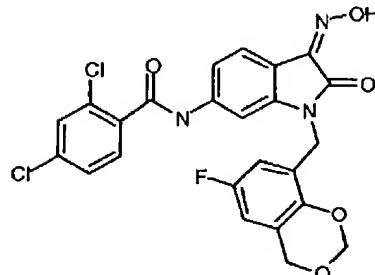
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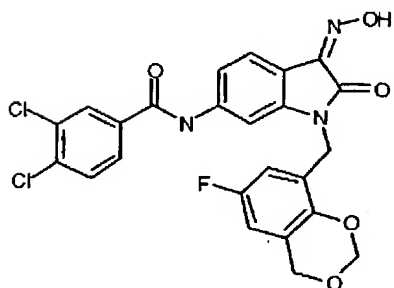
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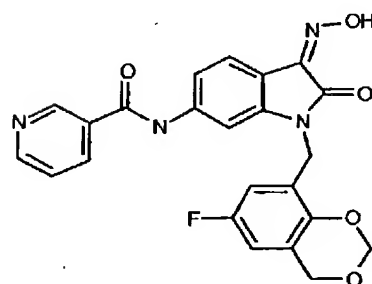
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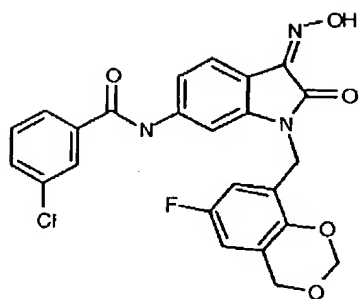
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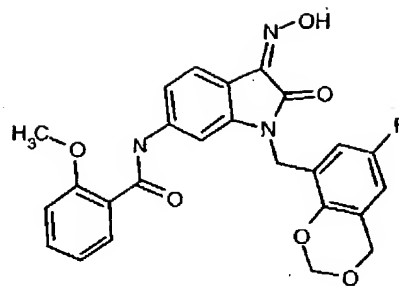
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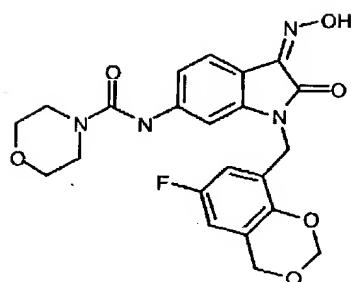
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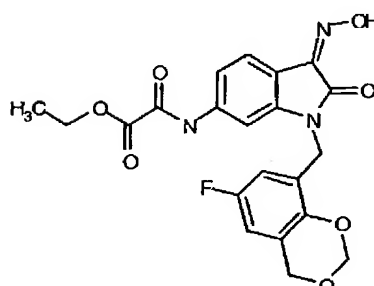
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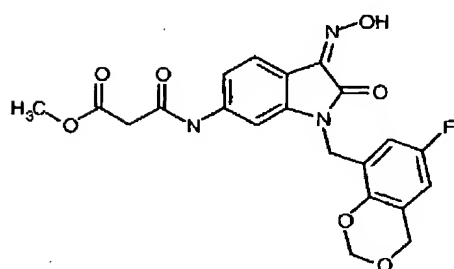
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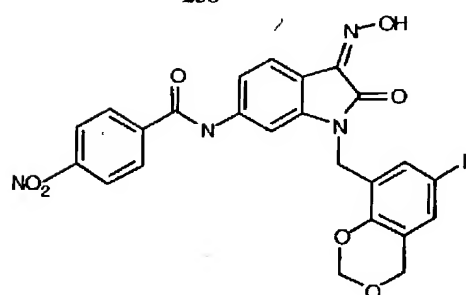
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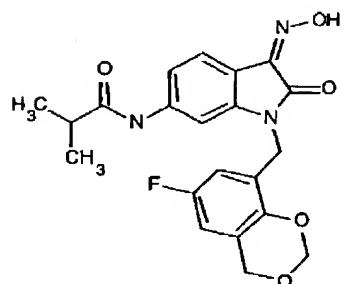
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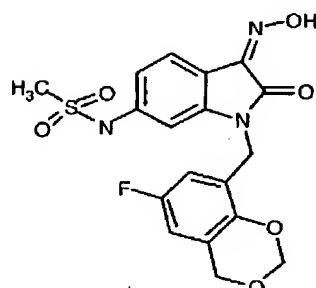
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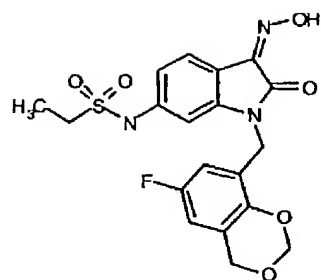
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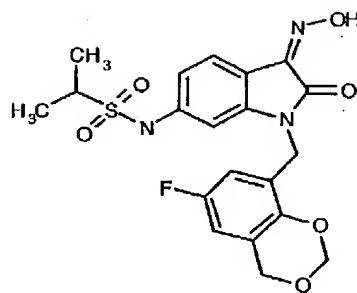
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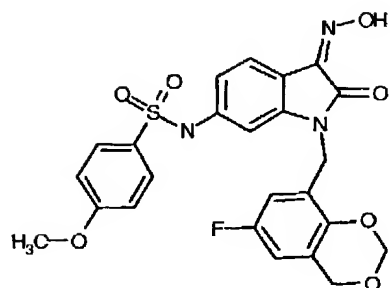
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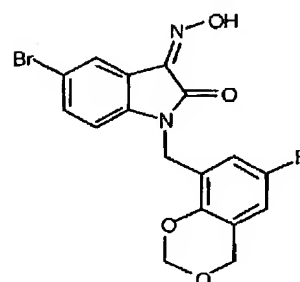
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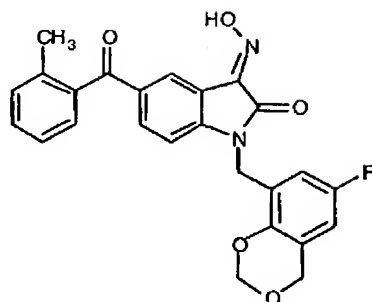
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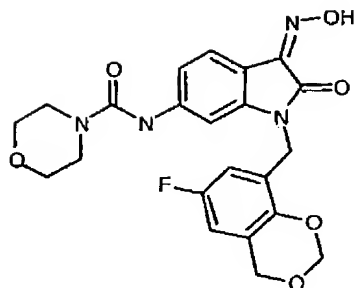
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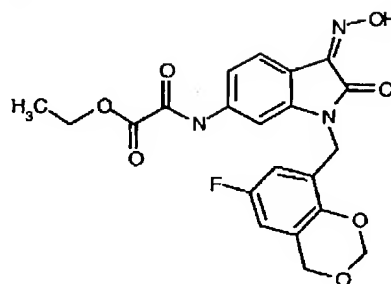
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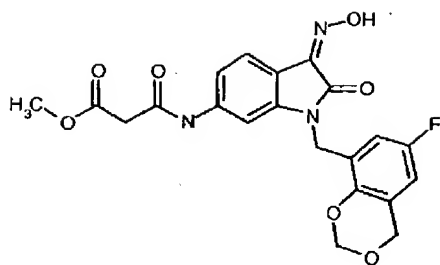
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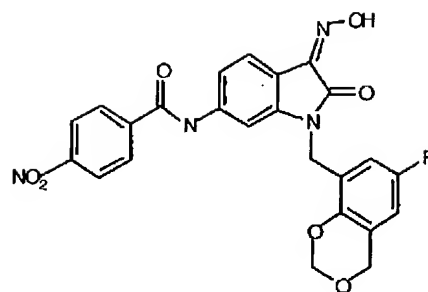
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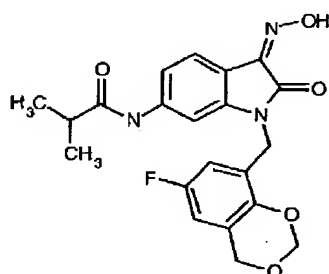
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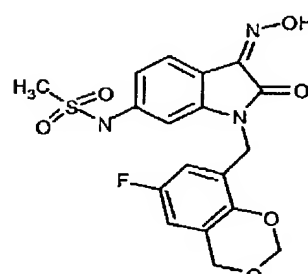
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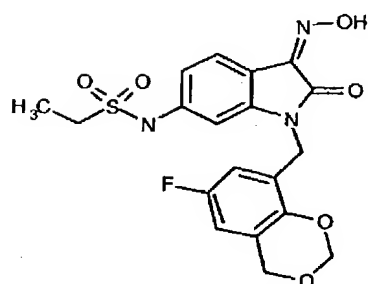
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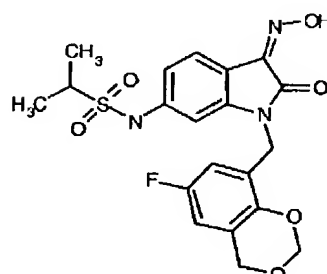
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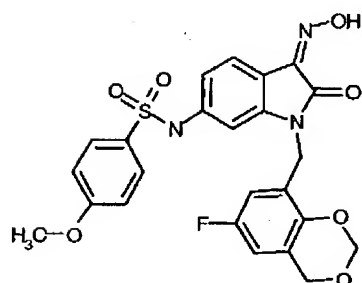
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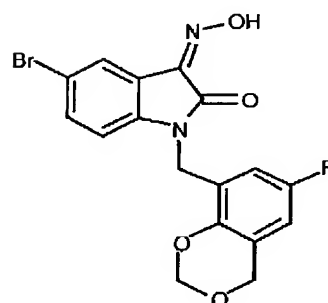
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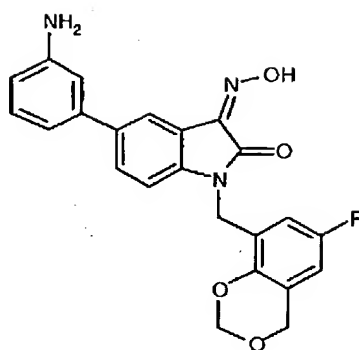
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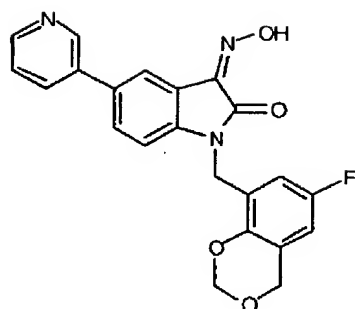
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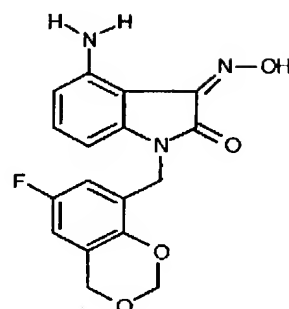
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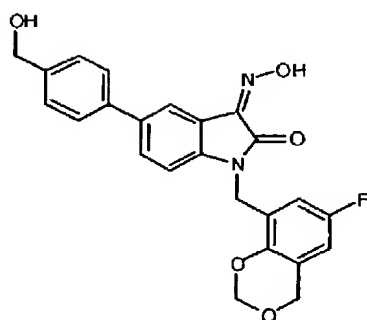
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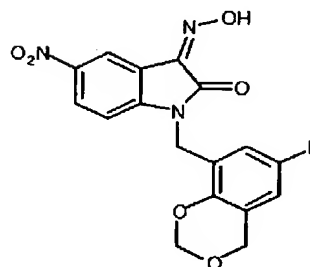
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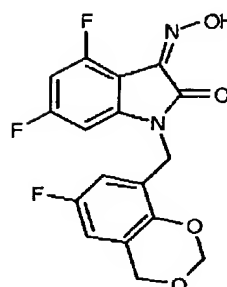
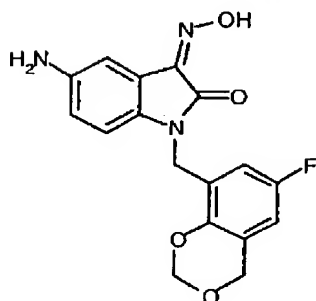
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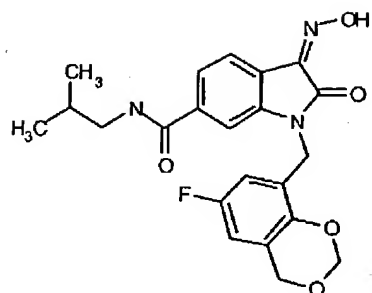
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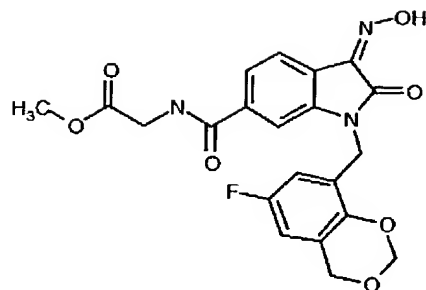
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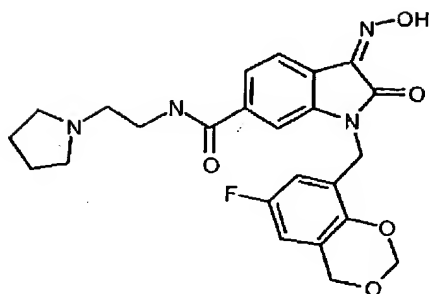
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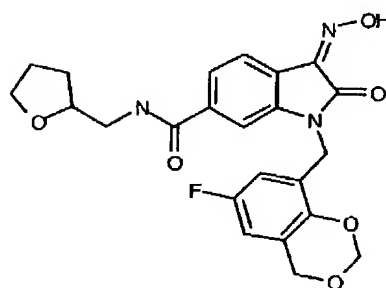
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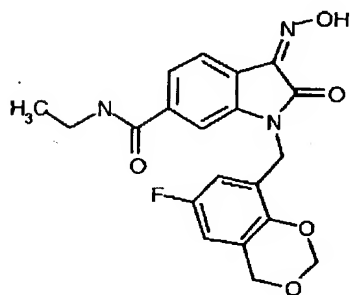
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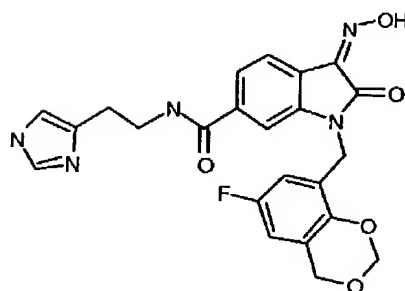
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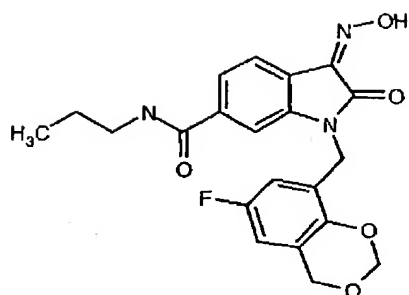


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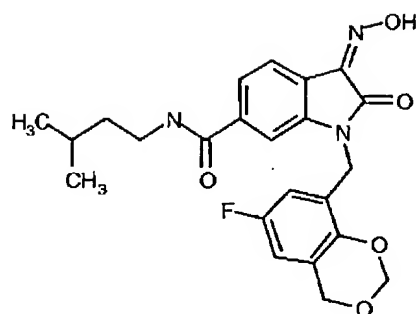


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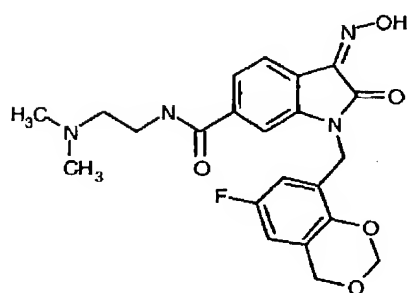
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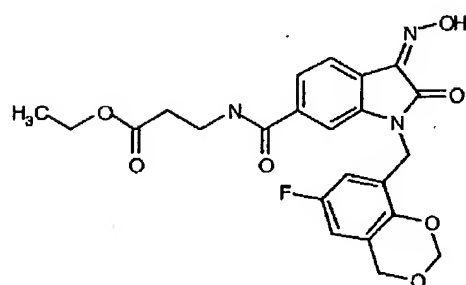
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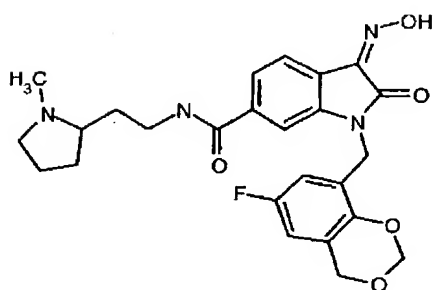
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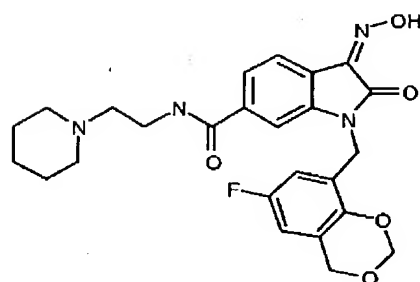
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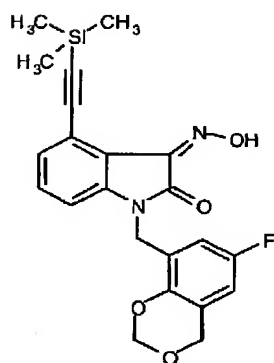
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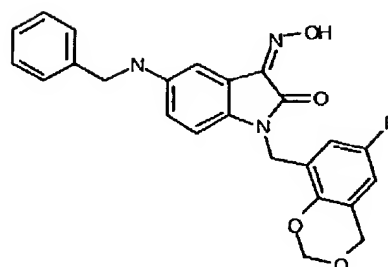
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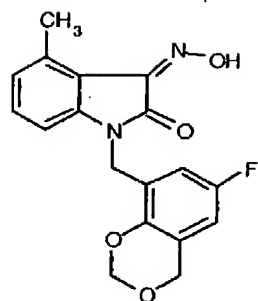
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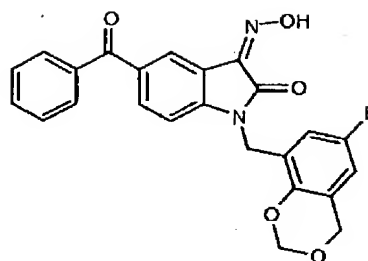
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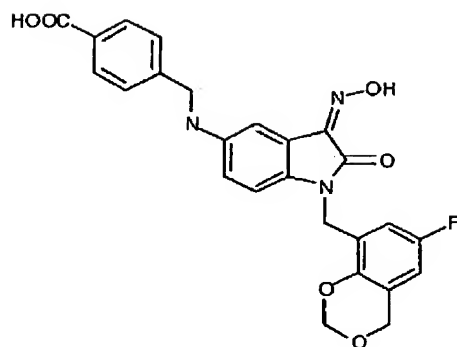
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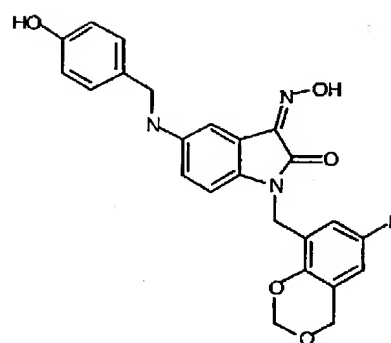
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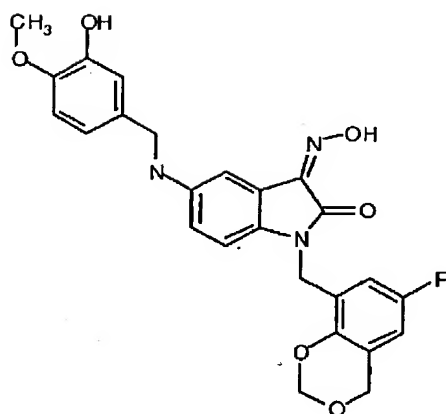
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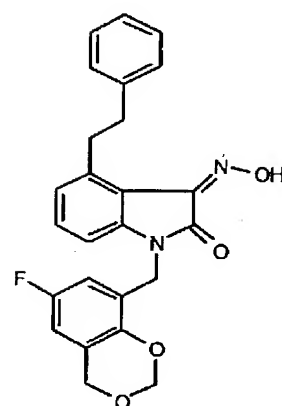
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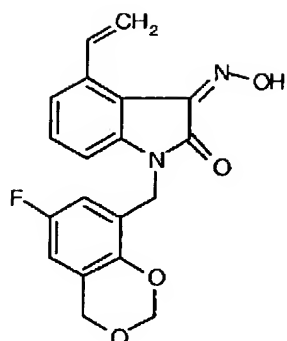
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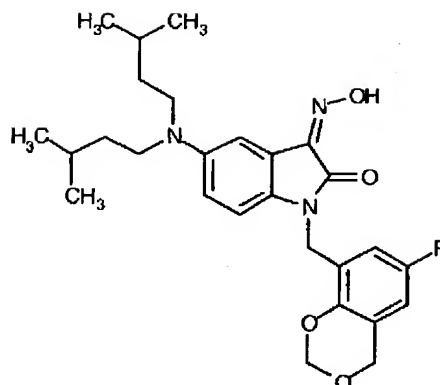
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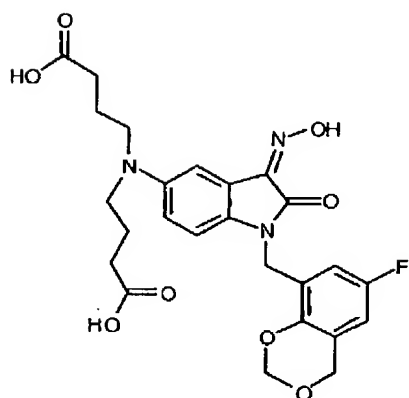
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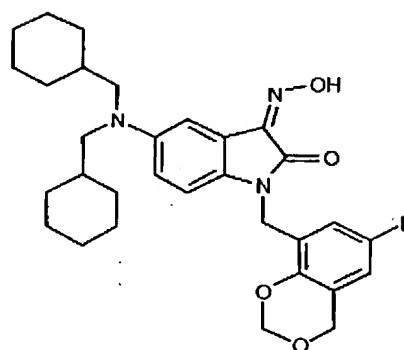
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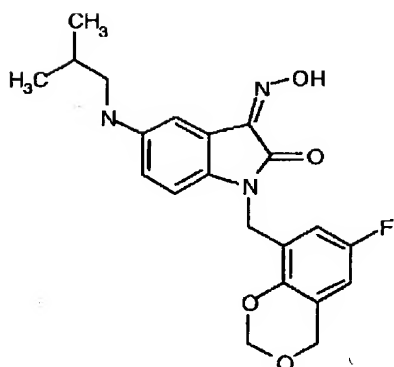
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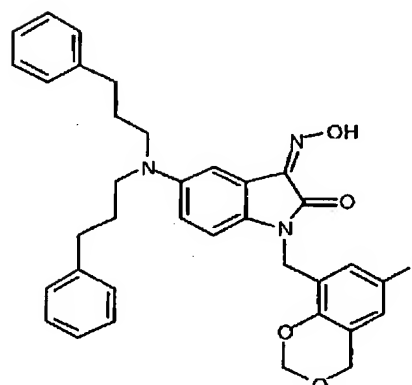
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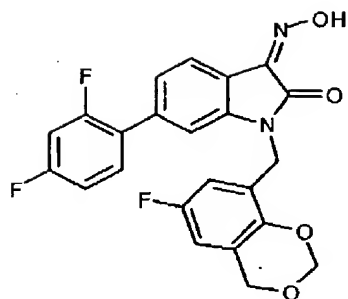
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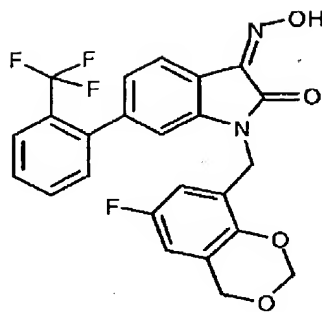
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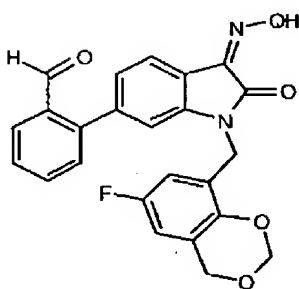
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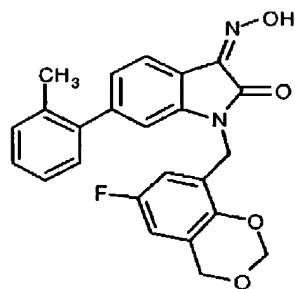
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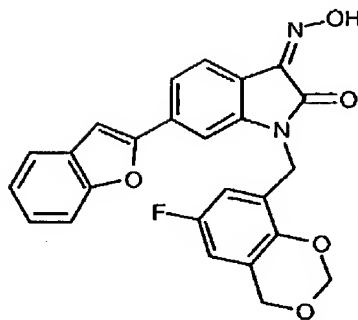
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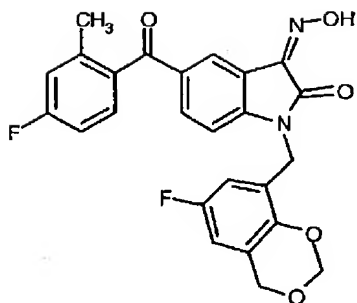
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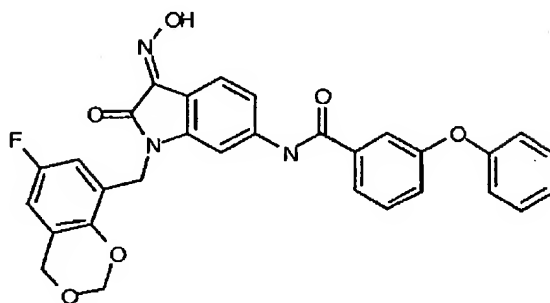
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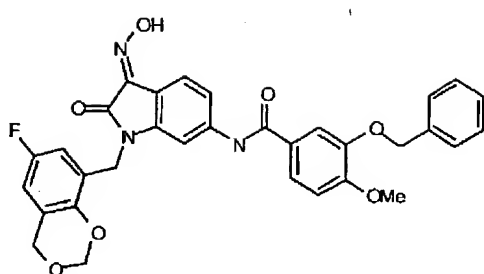
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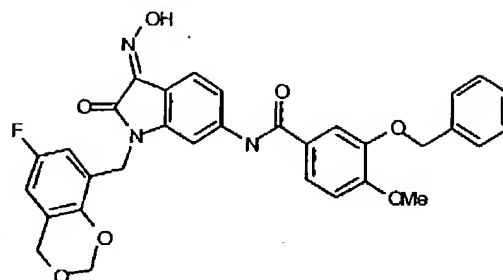
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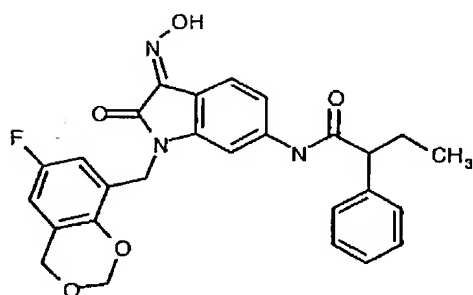
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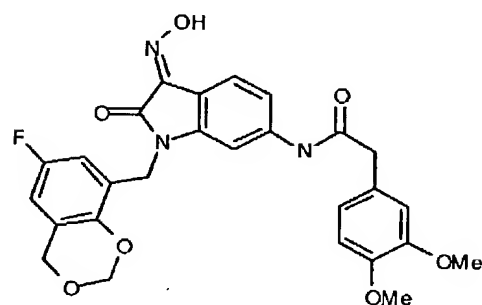
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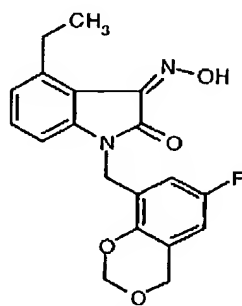
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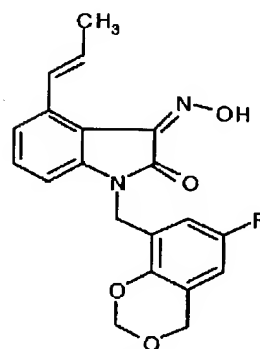
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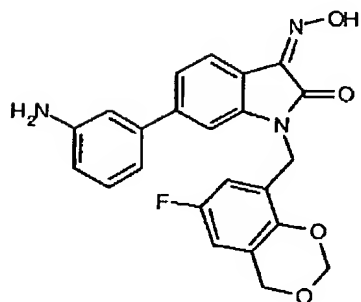
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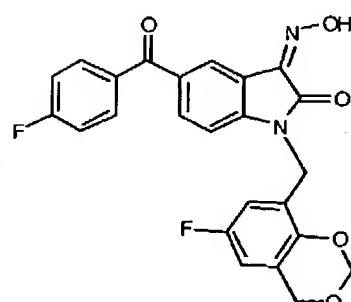
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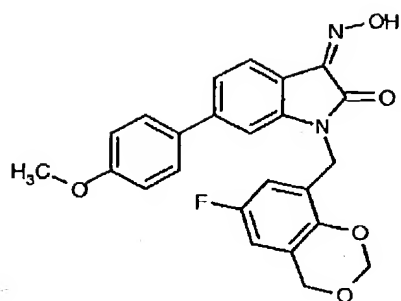
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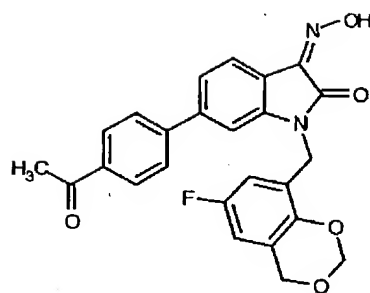
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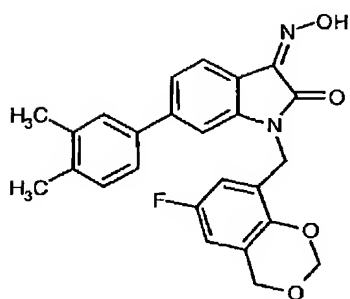
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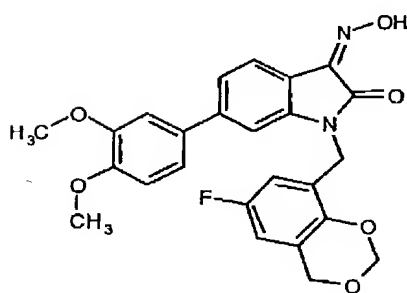
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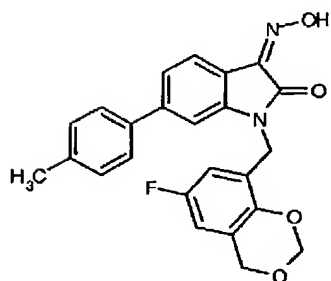
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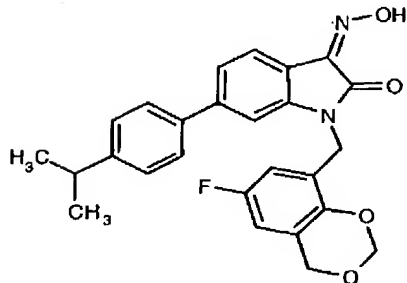
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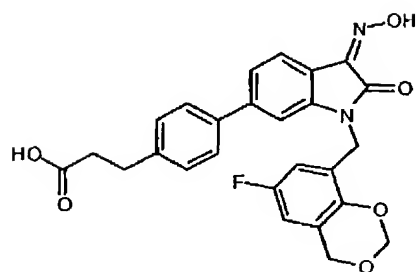
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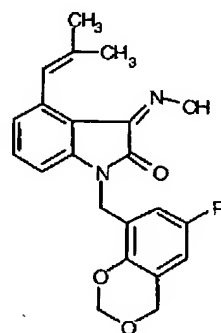
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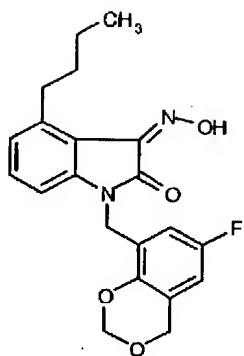
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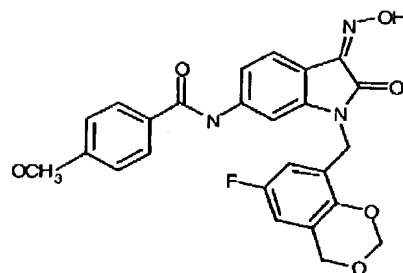
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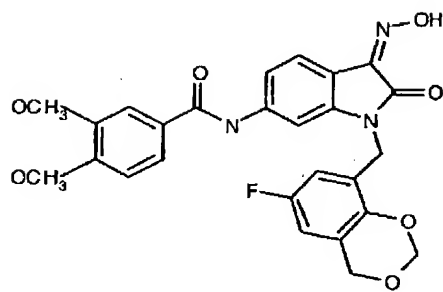
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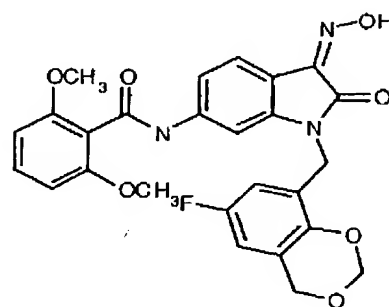
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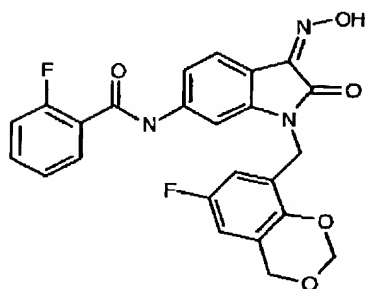
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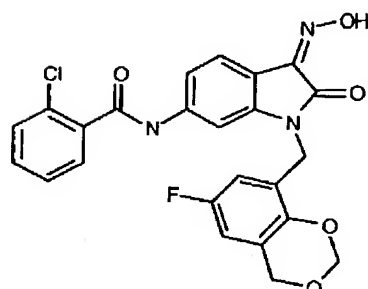
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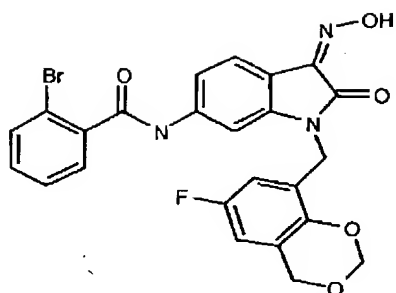
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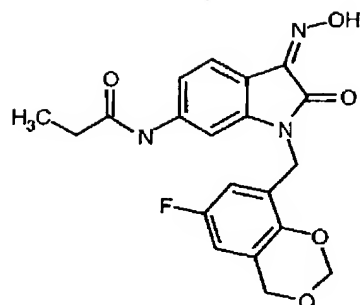
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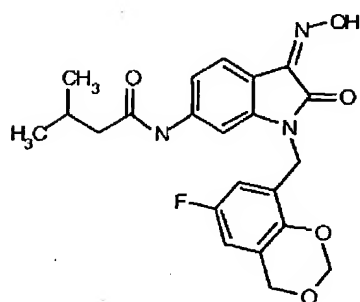
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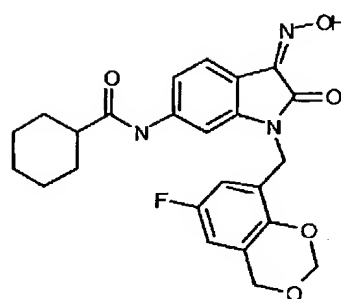
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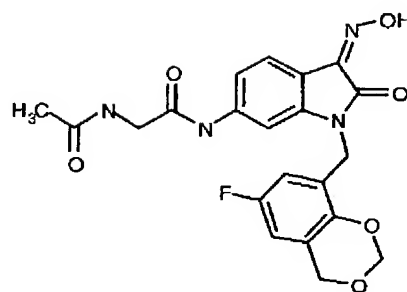
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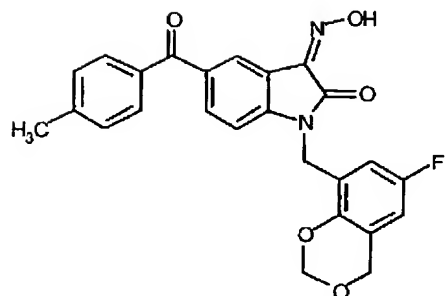
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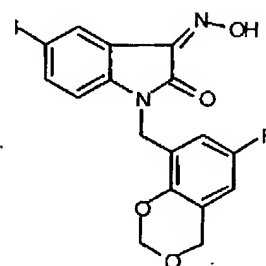
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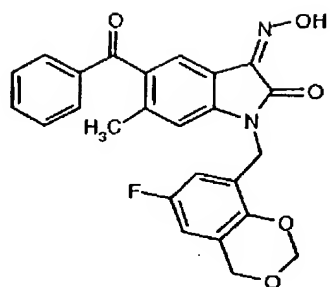
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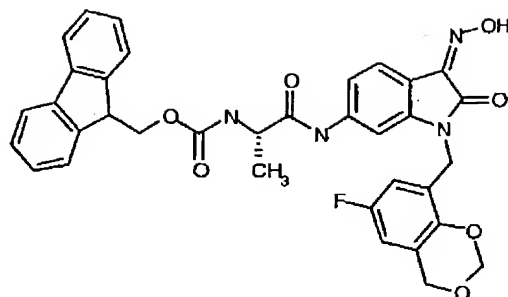
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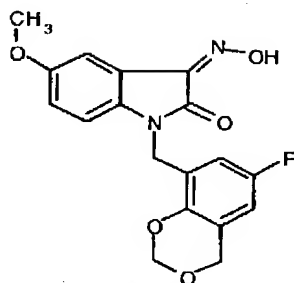
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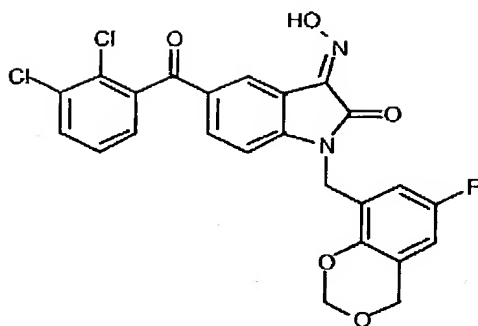
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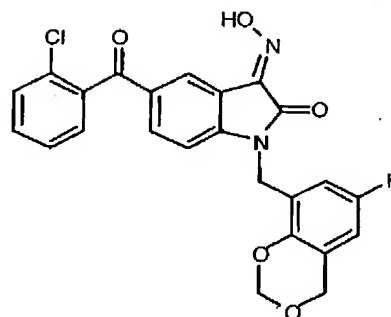
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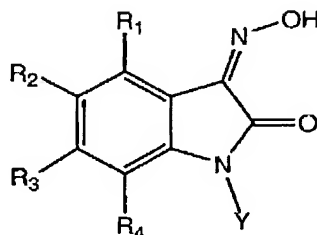


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29. (New) A pharmaceutical composition comprising a compound according to either of claims 1 or 28 and a pharmaceutically acceptable carrier.

30. (New) A method for treating Parkinson's disease in a patient in need thereof, comprising administering the pharmaceutical composition of claim 29 to the patient.

31. (New) A compound of the formula:



or a pharmaceutically acceptable salt thereof; wherein

Y is $-(CH_2)-Q_1$;

Q_1 is benzodioxanyl, a substituted phenyl group, a substituted 5-7 membered aromatic heterocyclic ring, a 10-membered heterocyclic bicyclic ring, or a straight chain alkyl group substituted with phenyl or a heterocyclic monocyclic or bicyclic ring, wherein said phenyl or heterocyclic ring is substituted with one to four substituents, each of which is independently selected from NH_2 , $NH-R$, $N(R)_2$, NO_2 , OH , OR , CF_3 , halo, CN , CO_2H , $C(O)-NH_2$, $C(O)-NH-R$, $C(O)-N(R)_2$, $C(O)-R$, SR , $S(O)-R$, $S(O)_2-R$, $S(O)_2-NH-R$ or $-R$;

R^1 is R^5 ;

R^2 is OCF_3 , NH_2 , R^5 , $NH(CO)-R^6$, $NH(SO_2)-R^6$, $-NHCH_2R^5$, $CO-Q_1$ or $CONH-Q_1$;

R^3 is $NH(CO)-R^6$, $NH(SO_2)-R^6$, $CONH-Q_1$, H , halo, methyl, CF_3 , substituted or unsubstituted phenyl, a substituted or unsubstituted aromatic heterocyclic ring, an aromatic bicyclic ring, NO_2 or NH_2 ;

R^4 is R^5 ;

R^5 and R^6 are each independently selected from H ; $N(R)_2$, $NHOH$, NO_2 , $C(O)OR$ or halo; a C_1-C_6 straight chain or branched

alkyl, alkenyl or alkynyl group; a 5-7 membered aromatic or non-aromatic carbocyclic or heterocyclic ring; or a 9-14 membered bicyclic or tricyclic aromatic or non-aromatic carbocyclic or heterocyclic ring; wherein said alkyl, alkenyl, ring or ring system is optionally substituted with one to four substituents, each of which is independently selected from NH_2 , NHR , NHC(O)OR , N(R)_2 , NO_2 , OH , OR , CF_3 , halo, CN , Si(R)_3 , CO_2H , COOR , CONH_2 , CONHR , CON(R)_2 , COR , SR , S(O)R , $\text{S(O)}_2\text{R}$, $\text{S(O)}_2\text{NHR}$ or R ; and

R is a $\text{C}_1\text{-C}_6$ straight chain or branched alkyl or alkenyl group, a 5-7 membered aromatic or non-aromatic carbocyclic or heterocyclic ring, or a 9-10 membered bicyclic aromatic or non-aromatic carbocyclic or heterocyclic ring system.

32. (New) The compound according to claim 31, wherein R^1 is H , methyl, halo, an optionally substituted phenyl, a monocyclic or bicyclic heterocycle, a substituted or unsubstituted alkyl, alkenyl or alkynyl, or COOR .

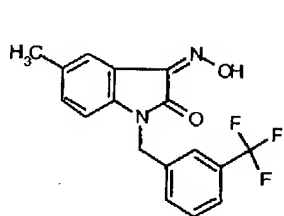
33. (New) The compound according to claim 31, wherein R^2 is H , halo, NO_2 , NH_2 , methyl, OCF_3 , $-\text{N(R)}_2$, or substituted phenyl.

34. (New) The compound according to claim 31, wherein R^3 is H , halo, methyl, CF_3 , substituted or unsubstituted phenyl, an aromatic heterocyclic ring, a bicyclic ring, NO_2 or NH_2 .

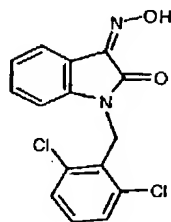
35. (New) The compound according to claim 31, wherein R^4 is H or methyl.

36. (New) The compound according to claim 31, wherein Q_1 is a substituted phenyl group.

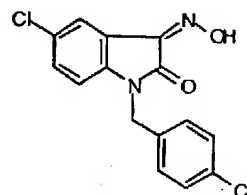
37. (New) The compound according to claim 36, wherein said compound is selected from the group depicted below:



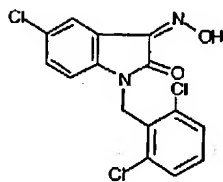
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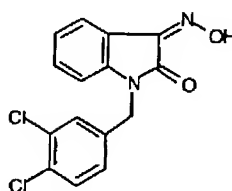
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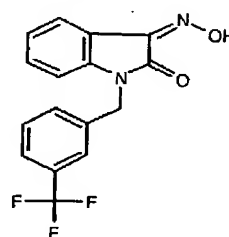
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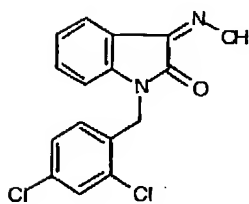
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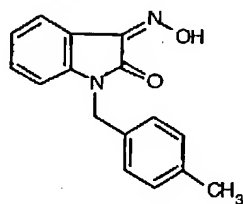
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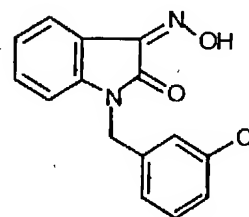
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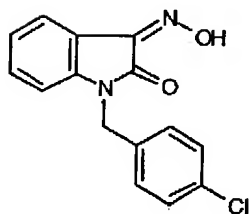
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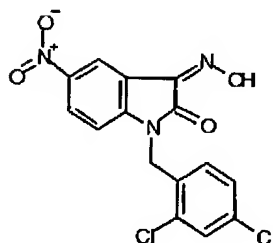
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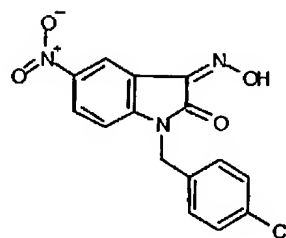
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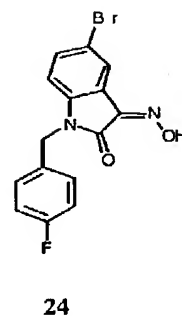
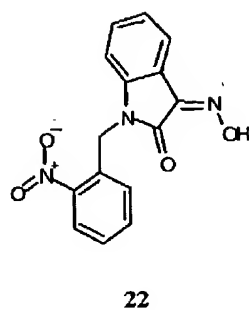
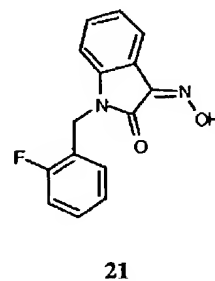
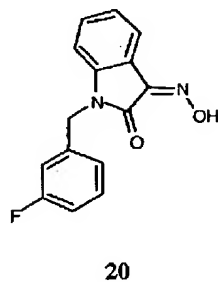
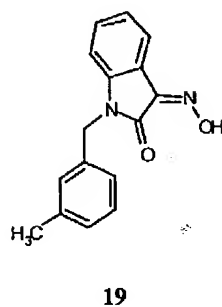
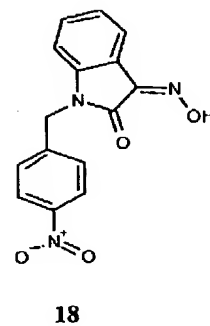
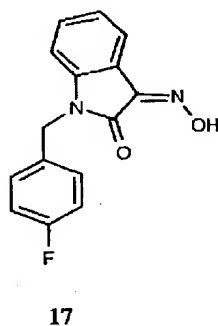
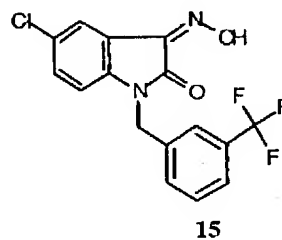
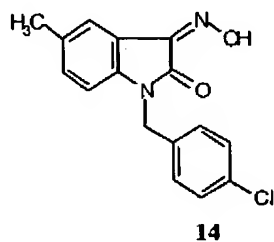
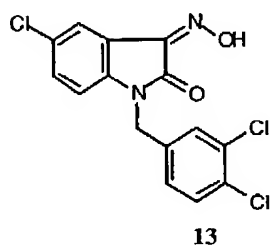
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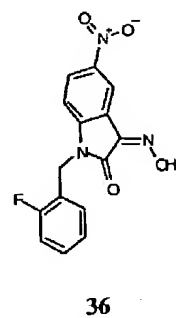
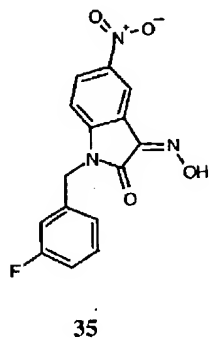
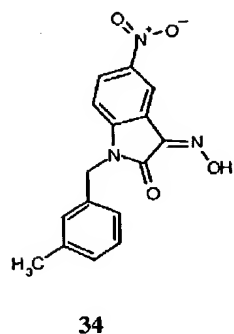
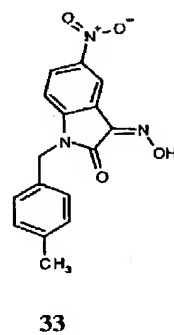
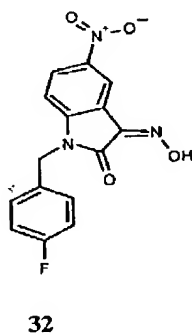
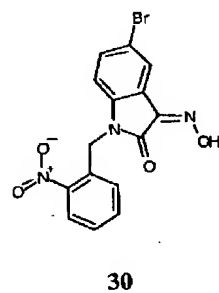
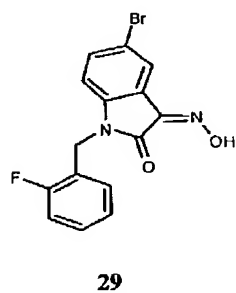
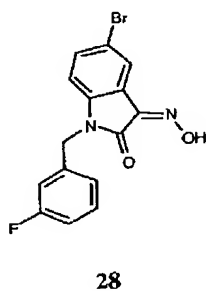
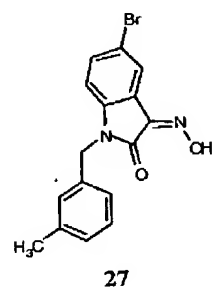
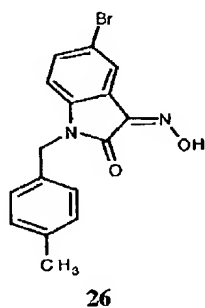
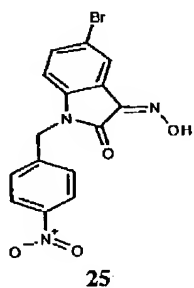


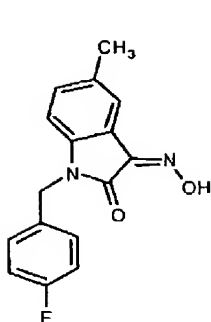
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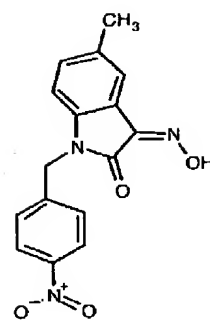
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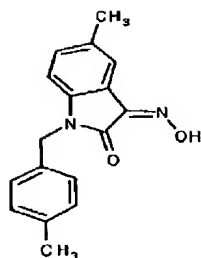




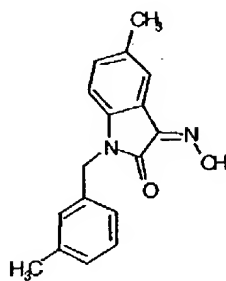
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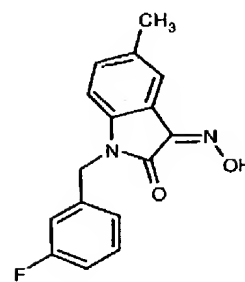
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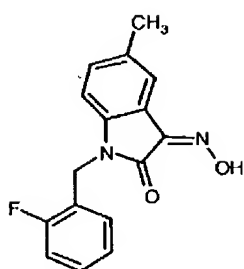
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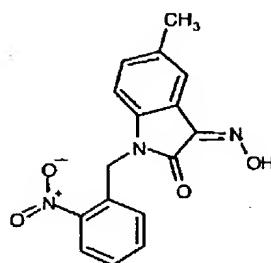
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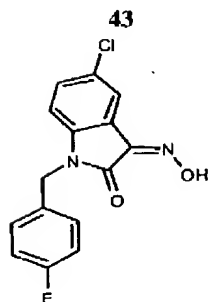
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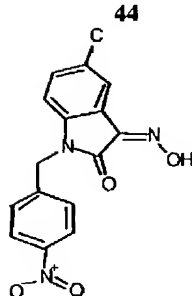
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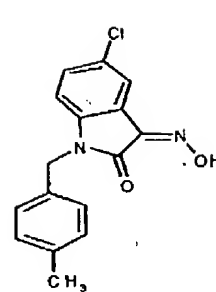
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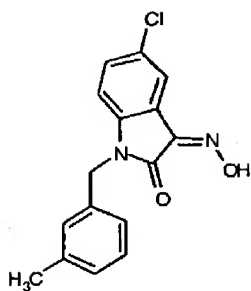
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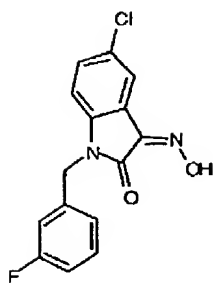
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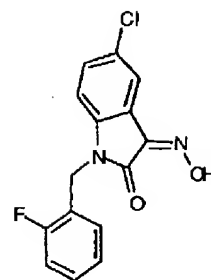
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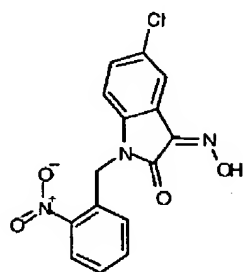
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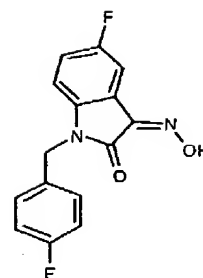
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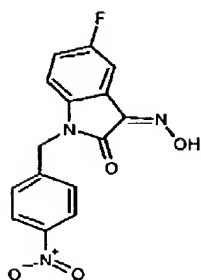
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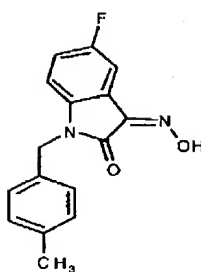
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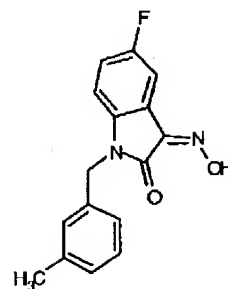
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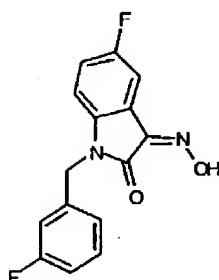
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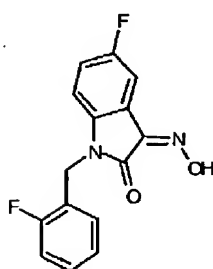
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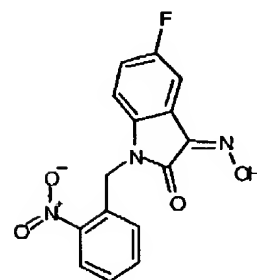
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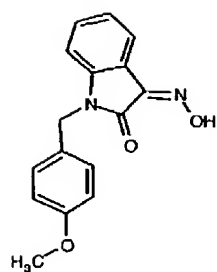
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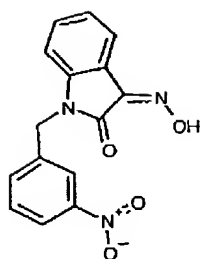
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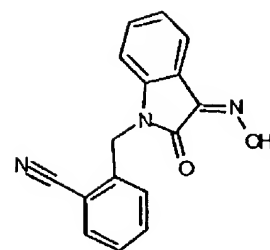
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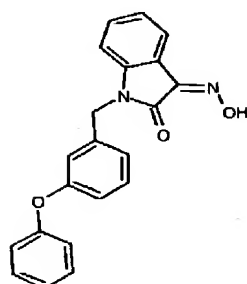
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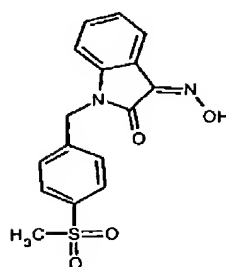
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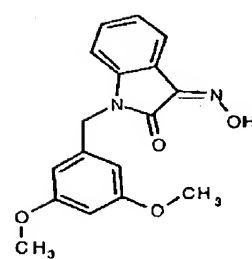
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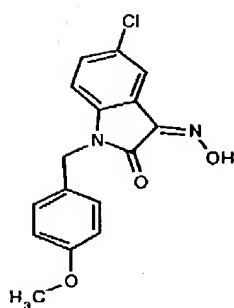
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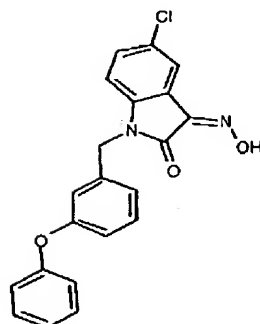
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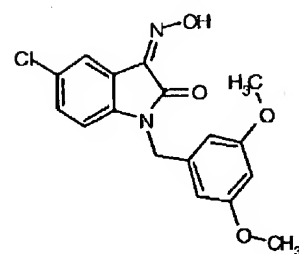
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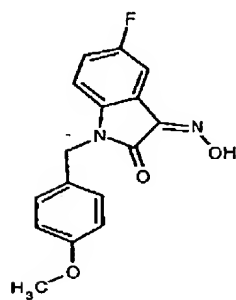
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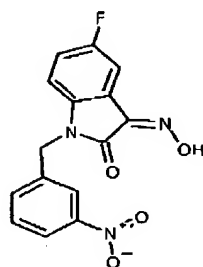
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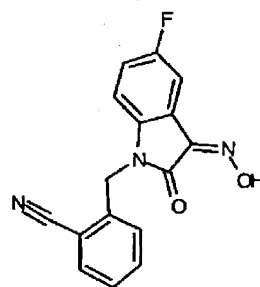
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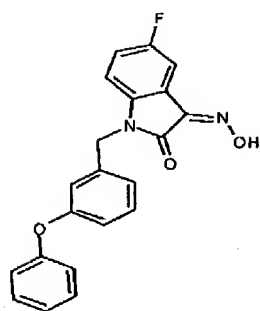
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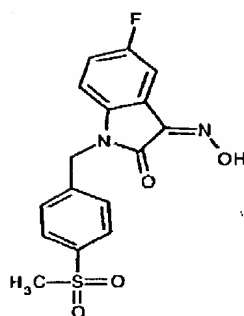
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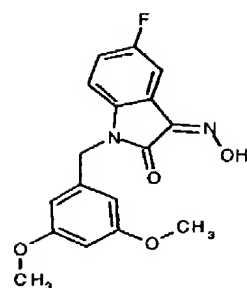
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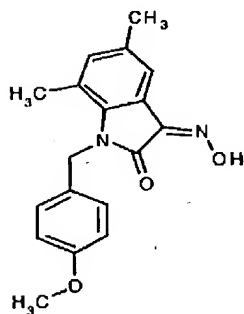
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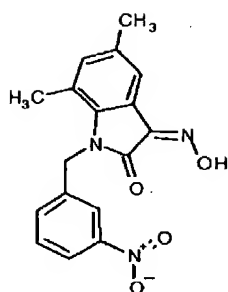
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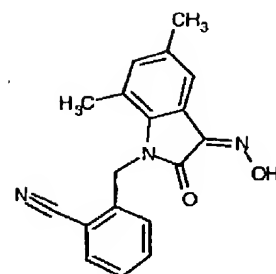
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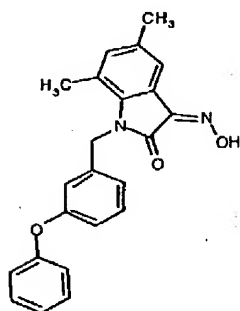
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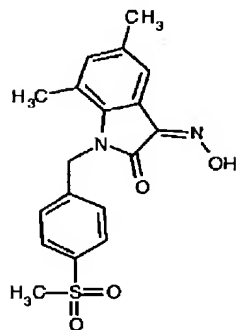
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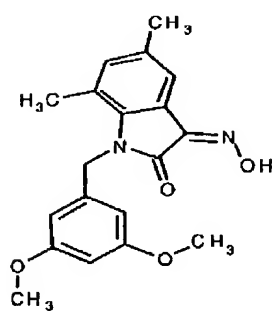
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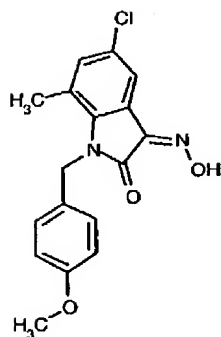
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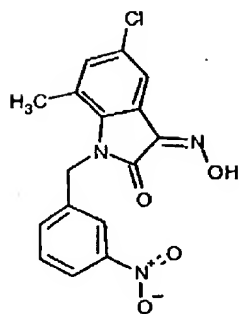
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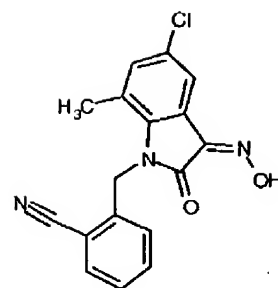
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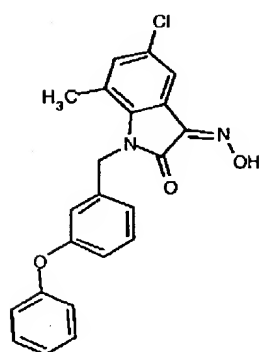
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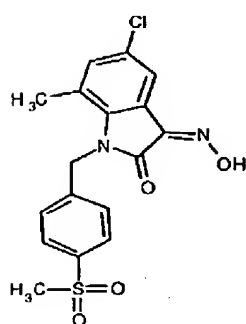
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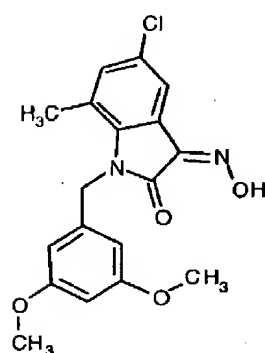
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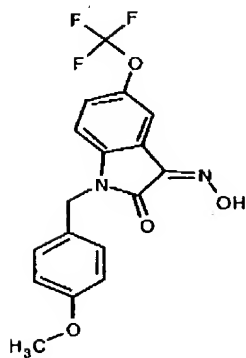
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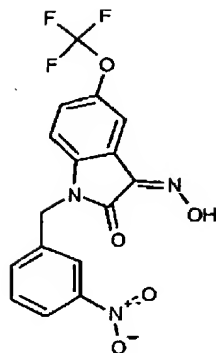
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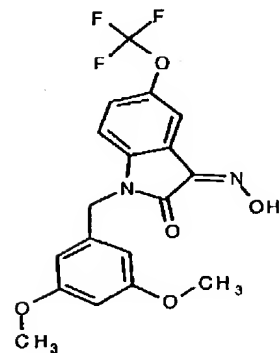
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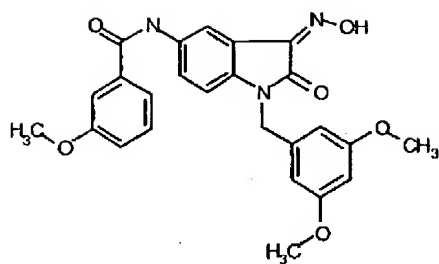
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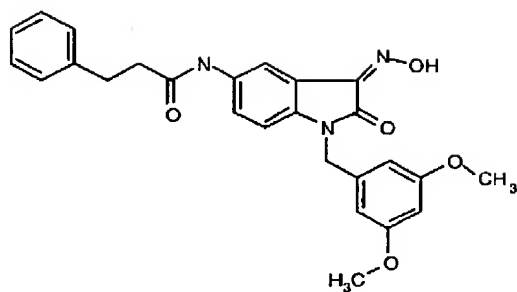
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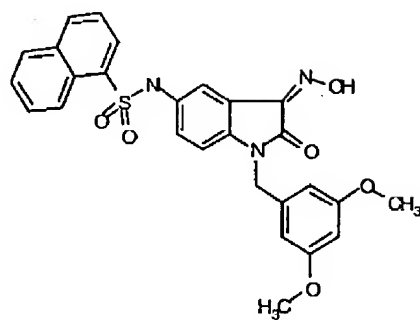
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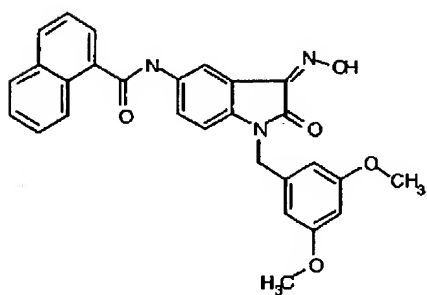
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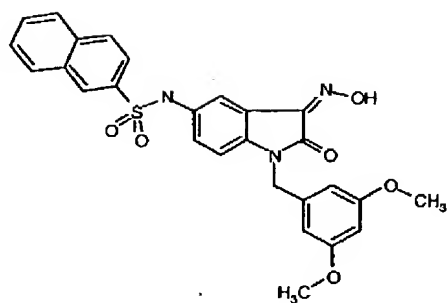
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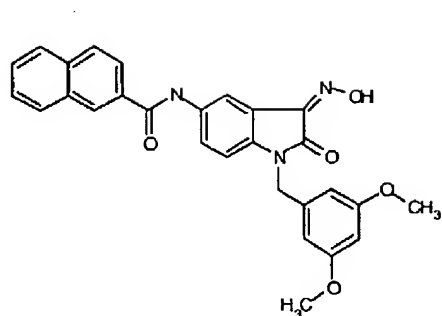
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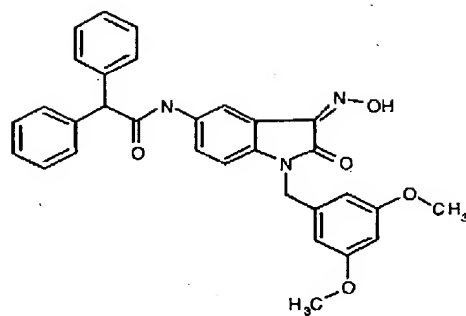
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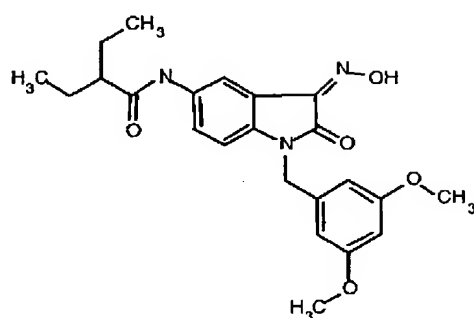
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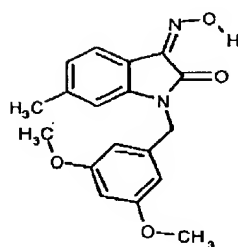
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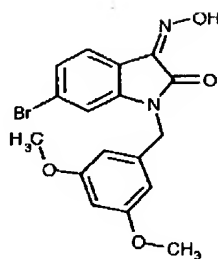
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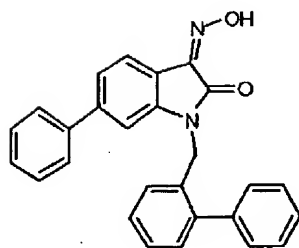
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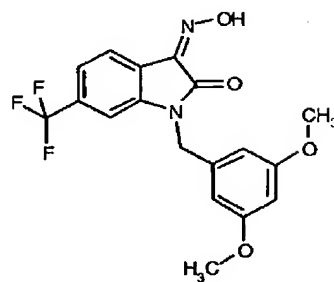
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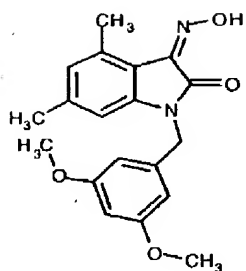
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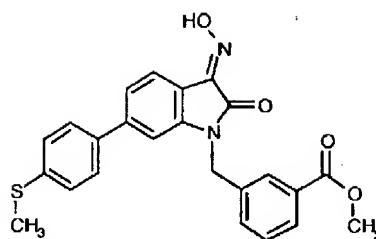
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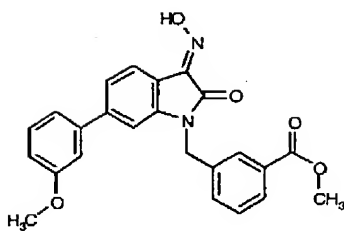
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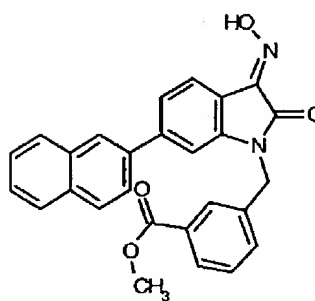
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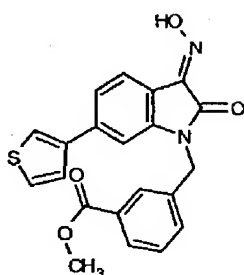
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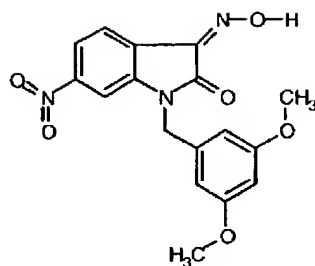
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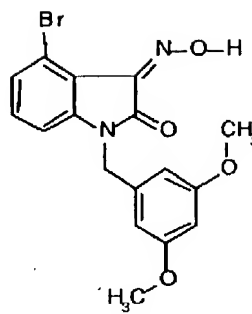
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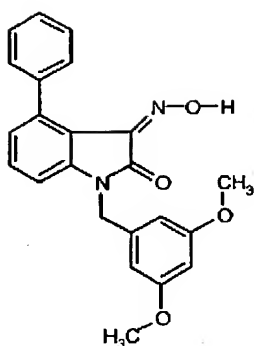
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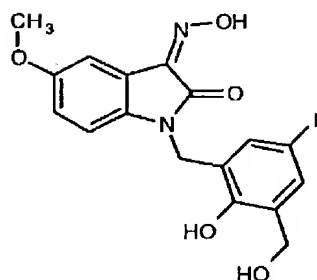
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38. (New) A pharmaceutical composition comprising a compound according to either of claims 31 or 37 and a pharmaceutically acceptable carrier.

39. (New) A method for treating Parkinson's disease in a patient in need thereof, comprising administering the pharmaceutical composition of claim 38 to the patient.